Welcome from a leading university...

**Croeso**

(Croy-so - Welcome)

“When visiting the uni, I could see myself cycling to lectures, studying with friends, going out. It was just a penny drop moment.”

Cardiff University Applicant Survey, 2018

An international university, with students from more than 100 countries

We are proud to be Wales’ only

**Russell Group University**

Top 7

UK University for its’ Careers Service

Source: Times Higher Education 2017

Top 5

UK University for research quality

Source: Research Excellence Framework, see page 18
Hello!

I’m pleased to introduce you to Cardiff University. Choosing the right university is a major decision and it’s important that you choose the one that is right for you.

Our prospectus describes what it is like to be an undergraduate at Cardiff University in the words of the people who know it best - our students, past and present, and staff. However, a prospectus can only go so far, and the best way to gain an insight into life at Cardiff University is to visit us and experience it for yourself. Whatever your choice, we wish you every success with your studies.

Professor Colin Riordan
President and Vice-Chancellor

Contents

Reasons to Love Cardiff  4
A Capital City  8
A Leading University  12
Building a Successful University  16
Among Brilliant Minds  18
Research Informed Teaching  19
Graduate Success  20
Careers and Employability  22
Start Here, Go Anywhere  24
Living in Cardiff  26
Meet Our Student Bloggers  29
Student Services  30
Students’ Union  32
Sport  34

Students from Around the World  36
Location – Campus Maps  38
Degree Programmes
by Academic School  40
Further Information
(including application and fee information)  144
General Index  154
Degree Subject Index  154

Student Bloggers

From study tips to where to eat, to societies, weekend trips and where to get your books, our student bloggers are real students talking about the reality of being a student at Cardiff.

Don’t miss their latest blogs for the chance to find out more about what it’s like to study and live in Cardiff.

www.cardiff.ac.uk/studentbloggers

95.7%
of our students
employed or in
further study
six months after
graduation

“...I just loved it from the moment I got there at the Open Day and this was only furthered as I experienced and saw more of the university and what it had to offer.”

Cardiff University Applicant Survey, 2018

Source: HESA Destinations of Leavers Survey 2016/17
in a friendly, attractive capital city.

Cardiff is the UK’s second most affordable university city

Source: NatWest Student Living Index 2018

“Cardiff is a thriving and attractive capital city, widely recognised as an outstanding place to live.”

Source: Complete University Guide 2019

“I can imagine living in the city and enjoying spending time with the people there. I picked out the desk I’d work at in the law library and the accommodation I’d like to stay in.”

Cardiff University Applicant Survey, 2018

Cardiff University is committed to creating and sustaining a welcoming, inclusive, accessible and friendly environment.
Come and visit us on an Open Day

Come and meet our staff and students, ask questions, get advice and information, and generally get a feel of what life as a student at Cardiff University is like:

- Wednesday 27 March
- Friday 5 July
- Saturday 14 September
- Saturday 26 October

To book your place visit:
www.cardiff.ac.uk/opendays

Or contact the Open Day Office directly:
Tel: 029 2087 4455
Email: openday@cardiff.ac.uk

Cardiff Connected

I leave with a degree but much more in my arsenal. There have been friends, societies, gigs, plays, sporting fixtures and a hundred other moments that I shall prattle on about in years to come.

University offers you everything, it really does and sometimes, admittedly, it can be a little too much to jump into from the off. However, with time, when the dust settles and your Breaking Bad poster is securely blu tacked onto your plaster board wall, you’ll realise with a new enthusiasm, that you have three years, a new city, new lecturers and new avenues to explore. So, take a chance on Cardiff – the capital with the most amicable of atmospheres – and drink it in!

Joe
Reasons to Love Cardiff

The capital is our campus

Cardiff University is at the heart of a thriving and growing capital city.

“From the roar of the home crowds watching rugby at the Principality Stadium to the sunshine of Cardiff Bay, the Welsh capital is known as much for its national pride as its warm welcome for all visitors.”

(Times Good University Guide 2018)

02

World-leading research

Cardiff is in the top tier of Britain’s research universities and is a member of the prestigious Russell Group. It’s ranked second nationally for research impact, and in the top five universities for research excellence in the UK.

We’ve been awarded seven Queen’s Anniversary Prizes (which recognise world-class excellence in UK Higher Education) and are home to a huge cohort of distinguished staff, including two Nobel Prize winners and 13 Royal Society Fellows.
03 Our star alumni

From politicians and journalists to scientists and innovators – many well-known faces have been through Cardiff’s corridors. Our alumni include BBC broadcasters Huw Edwards, Jason Mohammad and Susanna Reid, former National Poet of Wales Gillian Clarke, Money Saving Expert founder and journalist Martin Lewis OBE, academic, writer and broadcaster Professor Alice Roberts and many more. Our Honorary Fellows include the likes of Sir Patrick Stewart, Stephen Fry and Carol Vorderman.

04 Top teaching and employability

Stepping into a university that provides innovative, exciting teaching across the disciplines, it’s hard not to feel the buzz. A Cardiff education is unique and personable; students are taught and mentored by committed and enthusiastic tutors and lecturers, many of whom are world-leading experts. Our graduates are amongst the most sought after by employers.

05 Bute Park
A 130 acre back garden

Bute Park lies in the heart of Cardiff behind King Edward VII Avenue. With the River Taff flowing alongside, it is the perfect mixture of tranquillity and wide open space, ideal for relaxing (or running) on a summer’s afternoon.

06 One big film set!

The proximity and unique architecture of the University campuses make it a prime filming location.

Cardiff is home to many TV shows, including dramas such as ‘Casualty’ and ‘Doctor Who’. 
A wealth of treasures lie just beyond Cardiff’s borders, a unique part of the world asking to be explored. A trip to Barry Island is a must, a destination for ‘Gavin and Stacey’ fans and beachgoers alike. The rugged Brecon Beacons offer incredible walks, views and outdoor pursuits.
Rich culture and history

From the internationally renowned Wales Millennium Centre on the waterfront, to the National Museum in Cathays Park and the 2,000-year-old Cardiff Castle, Cardiff is a city steeped in heritage and culture.

International days

Rugby is part of the lifeblood of Cardiff; you can’t miss it.

A festival atmosphere descends during the annual Six Nations tournament, as Wales’ visiting rivals take them on in their home town. The city also hosts international football and cricket matches.

Community Action

Student volunteering is a way of life with many student-led projects serving the community. Further afield, the Phoenix Project is making a difference in Africa, working with the University of Namibia to embed quality education in focused projects, enabling better health and less poverty.

One of the best Students’ Unions in the UK

It’s official – according to the Which? University Student Survey 2018, Cardiff University’s SU is one of the best around. Home to over 240 sports clubs and student societies, a free employment service and, of course, the beloved Taf pub, the Students’ Union caters for every student’s needs across the board, from studying to socialising.

A city that loves running

Many elite athletes, including the likes of Mo Farah, compete in world-class events in Cardiff. The City boasts plenty of events for runners of all levels – from weekly Parkruns to the Cardiff University/Cardiff Half Marathon, the second largest race of its type in the UK. Many of our students join #TeamCardiff for this, where they also raise vital funds that support our research. Other students give their time to volunteer and our physio students are on hand to give much welcomed sports massage at the end of the 13.1 mile course!
A Capital City

Cardiff is a thriving, friendly and attractive city – it has all the advantages of a compact and inexpensive location, with the cultural and recreational facilities of a modern capital city.

The excitement of the city to the peace and tranquillity of the nearby coast and countryside.

A City with Character, Heritage and Ambition

Cardiff’s history dates back more than 2,000 years to the Romans. It was once one of the busiest ports in the world, exporting coal which fuelled the industrial revolution. The famous Tiger Bay docklands have been transformed into Cardiff Bay, a modern development of restaurants, homes, shops, offices, visitor attractions, and home of the National Assembly for Wales.

Cardiff has a distinctive character and a great quality of life. It is equally comfortable with hosting major sports, arts and cultural events and, as the capital city of Wales, it is home to many national institutions including the National Museum and the Principality Stadium. Other famous landmarks include the historic Cardiff Castle and the iconic Wales Millennium Centre.

A City Made for Students

When it comes to entertainment, Cardiff is tailor-made for students. There are plenty of cafés, pubs and nightclubs to suit most tastes. The City has also been officially declared a ‘Music City’ - the first of its kind in the UK. The music scene here is healthy with regular gigs taking place from large-scale touring bands to smaller, more intimate independent venues showcasing the best new talent.

For those who prefer drama, Cardiff has three thriving theatres and the eclectic Chapter Arts Centre. There are also comedy clubs and several multi-screen cinemas in the city.

Cardiff is one of the UK’s best shopping destinations, with the St David’s retail centre standing alongside pedestrianised shopping streets, indoor and outdoor markets and a quirky network of Victorian and Edwardian shopping arcades. A walk around Jacob’s Market, a sprawling warehouse of antiques, art and eccentric curios, is a great way to pass a few hours, or browse through the racks at Spillers, the oldest record shop in the world.

Cardiff was also the world’s first Fair Trade Capital and encourages ethical trading and fair prices for producers in the developing world.
“The capital of Wales since just 1955, Cardiff has embraced the role with vigour, emerging in the new millennium as one of Britain’s leading urban centres. Spread between an ancient fort and an ultramodern waterfront, compact Cardiff seems to have surprised even itself with how interesting it has become.”

**Lonely Planet, 2018**

---

**Cardiff Connected**

I fell in love with the city as much as the course itself – everyone is friendly, it’s easy to find your way around and there are parks and green spaces everywhere you look.

**Rosie** (BA 2014) graduated with a First in English Literature
A Capital City

Cardiff has an abundance of urban green spaces. Our 330 parks and gardens reach right into the heart of the city, with peaceful parklands and gardens close to the city centre and University – Bute Park is a particular student favourite.

Cardiff is one of the UK’s major sporting centres with facilities and events to please both competitors and spectators. Take in rugby at the Principality Stadium or Arms Park, football at the City Stadium, cricket at Sophia Gardens, ice hockey at the Viola Arena. If you want to participate, the City has plenty of opportunities to engage your sporty side as well as to satisfy your spiritual well-being, with the great outdoors literally on your doorstep.

If you want to explore further afield, we are lucky to have amazing places like the Gower Peninsula, Brecon Beacons, Wye and Usk Valleys nearby, along with attractions such as Caerphilly Castle and Castell Coch. Another student favourite is a trip to the beach at Barry Island or travel a little further west to experience the beauty and dramatic scenery of the Heritage Coast.

Back in the City, your cultural needs are well catered for with numerous museums, including the National Museum (alongside the University), Techniquest (one of Britain’s most successful hands-on science centres), or the acclaimed St Fagans National Museum of History – great for taking visitors to!
“With an exhilarating mix of heavyweight cultural sights, exciting regeneration projects – not least the revitalised Cardiff Bay – world-class sport, a prolific music scene and some seriously banging nightlife, it’s easy to see why Cardiff now ranks alongside London and Edinburgh as one of the UK’s most compelling destinations.”

Rough Guides

I came to Cardiff because the city felt alive. In areas like Cathays and Roath there’s always the hustle and bustle of students. I was drawn in by the beautiful aesthetic of the Cardiff campus; how could you not fall in love with the University’s Main Building?

Jamie (BA 2015, MA 2017)
A Leading University
We’re proud to have an international reputation for excellence in teaching and research, built on our history of achievement since 1883, and recognised by our membership of the Russell Group of leading UK research universities.

Our students are an essential part of a successful, vibrant, friendly and cosmopolitan university.

We expect you to work hard during your time here – gaining a degree at Cardiff will be challenging, but we offer you the opportunity to let your hair down when necessary. This combination of our ‘work hard, play hard’ ethos leaves you not only with strong employment prospects, but also as a more rounded individual.

We welcome approximately 5,500 undergraduates each year. While competition for places is strong, Cardiff is an inclusive university and we welcome applications, irrespective of background, from everyone with the potential to succeed.

“Cardiff University is highly rated on a local and global scale.”

The Telegraph 2018

Cardiff Connected

Studying Politics at Cardiff helped me to think critically about problems. The essays, debates, and presentations trained me to develop work that is thoroughly researched and robust to critique. This academic foundation has given me a solid structure to work with across all my clients, and I continue to draw on course content that I learned during my degree – even things I studied in my first year at university.

Fiona (BSc 2013)
A Leading University

Our Campuses
The University’s Cathays Park Campus is located in and around the impressive buildings, parks and wide tree-lined avenues that form Cardiff’s attractive civic centre.

The majority of our Academic Schools can be found here, with the advantage of only being a few minutes’ walk from the city centre.

Three Academic Schools offering healthcare courses (excluding Optometry and Pharmacy) are based at the nearby Heath Park Campus.

The Heath Park Campus is also home to the 900-bed University Hospital of Wales, an ideal environment for teaching healthcare professionals in a modern clinical setting.

We have invested substantially in our services in recent years and continue to do so, including new and well-equipped laboratories, lecture theatres, libraries and computing facilities. We take our environmental, safety and security responsibilities very seriously. We have a comprehensive Energy, Water and Waste Policy, which is already making great savings in energy consumption, helping us do our bit to tackle climate change.

To support the safety and security of all members of our community and property, we have 24-hour security cover throughout the campus.

Our Degree Programmes
The structure of our degrees is a particularly attractive feature of the University. In many cases you can delay your final choice of subjects until the end of your first year. This is a tremendous advantage, particularly if you are undertaking a subject that you are not already familiar with. The range of options mean that you can effectively tailor your course to suit your particular interests and career ambitions. In some degree courses, successful completion will earn you partial or complete exemption from professional examinations.

Many of our courses benefit from significant vocational and professional content, while others offer you the opportunity to gain experience and expertise in industry.

All modern language degrees are four years in duration, and include a year in the relevant European country. Other programmes may include a foreign language element.
For those studying healthcare courses, we have close relationships with general and specialist hospitals and other healthcare institutions across Wales, giving you excellent clinical experience in different environments, both urban and rural, in hospitals and in the community. Naturally, our closest links are with the Cardiff and Vale NHS Trust, which incorporates the University Hospital of Wales, and which also has responsibility for community health services. This arrangement is important, as not all clinical experience is hospital-based. We place great emphasis on teaching in the community and primary care settings, with some of our students being attached to general practices and community clinics.

**Global Opportunities**

Our Global Opportunities team can help you gain valuable international experience, with study, work and volunteering opportunities available worldwide. (Please see page 24 for further details.)

**Languages for All**

You have the opportunity to study a language in addition to your degree through our Languages for All programme. (Please see page 24 for further details.)

**Welsh for All**

Fancy learning some Welsh while you’re here? It’s not essential to speak Welsh to study at Cardiff, but it’s great to be able to understand a bit of the local lingo. Welsh for All offers you the opportunity to improve your language skills while studying. Our courses are designed to fit around your studies and are free of charge.

**Supporting You**

We want to ensure that we provide the best possible support for all our students, regardless of background. We have support programmes in place for care leavers, estranged students, mature students, students with caring responsibilities, forces veterans, asylum seekers and students with a disability or additional learning needs. LGBT+ students may face different challenges at university and our work in this area is recognised nationally. We are rated as one of the best universities for supporting LGBT+ students and we are proud to be ranked highly in the Stonewall Workplace Equality Index.
Building a Successful University

£41m is being invested in the refurbishment of existing teaching facilities.

Architect’s impression of the interior of one of the floors, Centre for Student Life.
There has never been a more exciting time to be a student at Cardiff University. We are investing hundreds of millions of pounds to provide our students with world-class facilities as part of our largest campus upgrade in a generation.

**A massive £600m capital investment programme across the University, including £260m in student facilities, will help us ensure that we can give you the best student experience possible.**

The most recent development has been the opening of a new home in the city centre for our School of Journalism, Media and Culture. Its location alongside BBC Cymru Wales’s new headquarters is supporting the School to build even stronger industry links and boost student employability.

Our ongoing investment has already delivered state-of-the-art facilities such as the School of Medicine’s Cochrane Building. Located at the Heath Park Campus, it is shared with students studying other healthcare courses and has a range of resources including a clinical skills centre, a high-tech medical simulation centre and a library. Also, at Heath Park Campus, the School of Dentistry has a £2m simulation suite.

We are now several years into a £41m rolling programme to refurbish our existing teaching and learning spaces. We have made major improvements to furniture and equipment, such as including power points to enable you to charge devices, and the work will continue.

We believe our students should be able to relax in modern environments with the latest technology, so our partnership with the Students’ Union has led to many exciting developments. Major improvements have been made in the Students’ Union, including Y Plas, used for social learning and evening entertainment. New shops and services complete the transformation.

Our new buildings and facilities complement our existing historic estate. Construction work started in 2018 on one of our most ambitious projects, a Centre for Student Life, to provide a central hub for our student support services as well as offering modern, flexible, social learning spaces and a 550-seat lecture theatre.

We are also investing in new research facilities at our £300m Innovation Campus to help create economic and social prosperity. In addition, we are planning to create a purpose-built joint home for the School of Computer Science and Informatics and School of Mathematics. This will support the growth of both departments and provide opportunities for greater collaboration and research.

Main image: Architect’s impression of the new Centre for Student Life scheduled to open in 2021.

The Cochrane Building, home to the Health Library and School of Medicine.

The state-of-the-art School of Journalism, Media and Culture Building.
Cardiff University was ranked 5th amongst UK universities for research quality and 2nd on its impact, in the most recent Research Excellence Framework, confirming our place as a world-leading centre of research excellence.

As a member of the Russell Group – the UK’s “Ivy League” of leading research universities – our staff help answer the big questions facing mankind in the 21st century.

As active researchers, our academic staff are enthusiastic and committed. Research is about the spirit of enquiry, encourages critical thinking and highlights the provisional nature of knowledge. It encompasses the acquisition of high levels of subject-specific and generic skills, and nurtures both self-reliance and teamwork, all attributes valued by employers.

Their work makes a real difference – from helping to overcome environmental challenges and improving the lives of individuals, to developing our understanding of what it is to be human.

Our health and bioscientific research goes from laboratory to drug development to major clinical trials – a true “bench to bedside” strategy.

Our researchers also bring improvements to ecosystems around the globe, and 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 telecommunications, biodiversity management and engineering design.

This breadth and depth of expertise puts us in demand with policy-makers at home and abroad in areas ranging from health inequalities to maritime safety.

Note: The Research Excellence Framework is a major assessment of research undertaken periodically by the UK funding councils. The results are ranked in a number of ways, one of the most common being Grade Point Average. “Grade Point Average” is a quality profile weighted by staff (Full-time equivalent), where the percentage at 4* x 4, the percentage at 3* x 3, the percentage at 2* x 2, the percentage at 1* x 1 divided by 100 (the total percentage of all research). Further information about the Research Excellence Framework is available at: www.cardiff.ac.uk/ref
Research Informed Teaching

At Cardiff, learning and teaching take place in an environment where you can engage directly with researchers who are working at the frontiers of knowledge and practice in their fields.

This has contributed to our high quality of teaching which has received robust endorsement from the Quality Assurance Agency for Higher Education. Our research culture impacts positively on you. In the early stages, you are given a flavour of the research activities in your subject and are introduced to a range of research skills. As you progress, you participate increasingly in activities that are influenced by staff research and scholarship.

Degree Structure
Degrees at Cardiff operate on a modular structure, with the exceptions of medical and dental degrees. We continually keep our degree structures under review to keep them relevant, so please check our website for latest information.

Technology-Enhanced Teaching
Our students benefit from innovative teaching methods. In many of our teaching spaces, our academic staff can record their lectures and make them available on-demand via our student portals. The technology is also used to live stream distance education courses, to record ‘flipped’ classroom videos, and to record student assignments.
This allows for simultaneous capture of audio, video and any computer application which can then be shared in a variety of ways during and/or after the session.
Feedback from our students plays a crucial role in how we develop our learning resources for the future – we listen to the student voice and encourage as much two-way interaction as possible.

Cardiff Connected

As part of my degree we were able to conduct human dissections, and that has stuck with me as one of the most valuable learning experiences I have ever had. It was a really unique opportunity, with Cardiff being one of few universities in the UK offering human dissections as part of the curriculum.

It gave another dimension to my studies and helped me understand complex concepts on another level; it really amplified my passion and interest for the subject.

Alice (BSc 2013)
Graduate Success

Cardiff University graduates are highly sought-after by employers.

We place emphasis on building the skills you will need in employment - whether in the public or private sector, in academia, in a multinational company or a small local business.

Consequently, a Cardiff degree is well respected in the jobs market. Employers value our graduates for their academic ability, motivation and resourcefulness. We prepare you for leadership and are listed annually in the top 25 universities targeted by graduate recruiters, according to the annual Graduate Market survey published by High Fliers.

In addition to our dedicated professional Careers and Employability Service (see page 22) we have taken steps to embed employability into the student experience through a range of activities.

These include the Cardiff Award, which can help you to improve your professionalism and gain the skills and confidence to be successful in the world of work.

To help you to be more innovative in your chosen career or to start up your own business, the Enterprise team offers a programme including enterprise skills workshops, 1-2-1 start-up guidance and competitions to help you to make your ideas happen.

Some of our degrees include a professional training year, while others provide alternative opportunities to develop the skills which employers seek. Meanwhile, the Cardiff University Research Opportunities Programme provides you with unique opportunities to sample live research and enhance your academic skills. With employability integral to the student experience, it is no surprise that employers welcome Cardiff graduates with such enthusiasm.

95.7% of our students are employed or in further study six months after graduation.

HESA Destination of Leavers Survey 2016/17
“Cardiff students demonstrate the talent, motivation and enthusiasm that employers are seeking.”

Paul Davies – Partner, Latham and Watkins LLP
(UK and International Law Firm)

An Employer’s View
“Cardiff University has a reputation for producing work-ready graduates. They stand out from the rest as they have a range of relevant skills and experiences that equip them to deal with the challenges of the working world.”

Lorna Culpin - University Recruitment Manager, TeachFirst

“As a global law firm with an office in Cardiff, the University is a natural source of high calibre candidates for our Cardiff and other UK offices.”

Catherine Knight - Emerging Talent Manager, Eversheds Sutherland

“We find Cardiff students are proactive, curious and make a difference in our organisation. These are the types of graduates we like to recruit into our business to make us successful.”

Melissa Hopper - Early Careers Talent Acquisition Manager, Mott MacDonald

“Cardiff University has some of the best young minds in the country. Their on-campus events always enable us to recruit the highest calibre engineering students for our multinational firm.”

Mikey Bishop - Early Careers Coordinator, ARUP

Callum Drummond
(BSc 2016)
Founder of Bula Batiki, a non-profit coconut oil company

“I started to think about the Vuni Niu (coconut palms) scattered across the island. I knew there was high demand for coconut oil in UK. I realised we could export it home and use the profits to reinvest in the island.”

Callum had no prior interest in entrepreneurship, but with the help of Cardiff’s Enterprise Team, he wrote an effective business plan for Bula Batiki which went on to win SPARK, the University’s annual business ideas competition.

With the aid of a small grant, Callum flew back to Fiji and pitched his idea to the community. In an area where inhabitants eke out a living through subsistence farming and fishing, there was widespread support.

“We developed our packaging and began paying villagers for the one jar of oil, but each jar has an enormous impact. Selling our first 160 litres allowed the villagers to develop their houses and enabled children to go to school.”

Callum raised £8,000 through a successful crowdfunding campaign which he will use to extend his model of sustainable enterprise to neighbouring islands. “Then we can really start to make a difference. That’s where I see my future. All my hopes and dreams lie in Batiki.”
Careers and Employability

Whatever you decide to do, our Careers and Employability Team prides itself on offering you support throughout your studies and after graduation.

Whether your career plans are firmed-up or you are at a more tentative stage, we will support you to develop and achieve your career goals from the very beginning of your time at Cardiff University. We’re here to help guide you through your career journey as you explore, develop, compete and succeed in achieving you career aspirations. We provide support in a range of different ways:

Online Support
• Online activities, information, advice and guidance to help you navigate the different stages of your career journey.
• Tailored online support available 24/7 to help you with self-development, career planning, preparing for the recruitment process and job-hunting.
• Information and research facilities.

Face-to-face Support
• Bookable appointments with careers professionals linked to academic Schools.
• Careers workshops and drop-in delivered in your School on topics, such as career options, job searching, applications, interviews and assessment centres.
• Daily central drop-in service.

Work Experience
• Dedicated staff sourcing industry insights, short-term placements, summer internships, classroom experience and live business projects.
• Connecting students with employers, from micro-businesses and SMEs to large international organisations.

Do you have a Business or Social Enterprise Idea?
If you have an idea for a business or social enterprise or want to gain new skills to help you become more employable, our Enterprise team is here to help you unlock your creativity and achieve your potential. Our personalised support and guidance package offers you business mentor meetings, start-up workshops, skills development sessions and online tools to help you bring your idea to life.

Helping you Understand and Achieve your Potential
An optional employability programme, the Cardiff Award is your opportunity to understand your career potential and develop your employability skills, whilst offering practical experience of the recruitment process to help you compete in the graduate job market.

The Award appears on your Higher Education Achievement Record (HEAR) when you graduate, providing University-level recognition of the employability skills and attributes you’ll have developed through activities such as work experience, volunteering or involvement in clubs and societies.

Graduate Recruitment
Hundreds of student and graduate recruiters target Cardiff University annually as part of their recruitment campaigns and we work closely with these recruiters to provide the vital link between them and you by offering:
• An online Jobs Board advertising hundreds of opportunities.
• Careers Fairs, both general and sector-specific.
• Employer events to enable you to understand the graduate labour market and network with industry contacts.

We can help you on Your Career Journey, from freshers to graduation and beyond.

Find us on social media
facebook cardiffcareers
twitter @cardiffunicareers

Life After Cardiff
Cardiff University Alumni Network
Cardiff is a place that breeds success. From BAFTA award-winning Welsh journalist and BBC News at Ten presenter Huw Edwards, to founder of MoneySavingExpert.com Martin Lewis OBE, and Specsavers founders Doug and Dame Mary Perkins DBE, Cardiff alumni thrive as leaders in their fields.

The Cardiff experience goes beyond your time on campus. Once you have graduated, you will be able to make the most of our 165,000-strong alumni network to shape and support your career for years to come. Wherever you are in the world, the Cardiff University alumni community is there to boost your career and help you stay connected.

Find out more . . .
www.cardiff.ac.uk/alumni
facebook CardiffUniAlumni
twitter @CardiffAlumni

The main thing drilled into us the minute we walked through that door to the first lecture of the first year was – WORK EXPERIENCE IS ESSENTIAL.

It’s very true, though – we’re all going to be graduating with excellent degrees, sure. But it’s very clear we need to boost our CVs in order to get those precious graduate jobs when we leave. Unpaid work experience does not go unnoticed.

Equally – volunteering is a fab way to boost your CV and if you just click onto the student intranet, you’ll see endless opportunities available.

Chloe Business Management

Cardiff Students on the student intranet, you’ll see endless opportunities available.
An Employer’s View

“We have core competencies that we look for and it’s not just the degree you can offer, but also the ideas and enthusiasm you can bring. The skills students develop throughout university shape their employability. Our aim is to help students to understand how they can transfer these skills into the workplace. Applicants who stand out are those who have done research, are well prepared and able to match their skills and experiences to the “PwC Professional” framework. We’re interested in your potential to develop. As a leading employer of graduates, we recognise the important role played by Cardiff University and the Careers and Employability Service by encouraging students to meet local and national employers and producing high calibre, motivated individuals who are ready to enter the world of professional services.”

Scarlett Seager
Graduate Recruitment Officer
PwC

Known Destinations of Graduates

<table>
<thead>
<tr>
<th>Known Destination</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed</td>
<td>70%</td>
</tr>
<tr>
<td>Further Study</td>
<td>18%</td>
</tr>
<tr>
<td>Work and Study</td>
<td>5%</td>
</tr>
<tr>
<td>Other (inc. travelling)</td>
<td>4%</td>
</tr>
<tr>
<td>Unemployed</td>
<td>3%</td>
</tr>
</tbody>
</table>

Source: Destinations of Leavers in Higher Education Survey 2016/17. Survey respondents: 3,327 first degree graduates (UK only).

Cardiff has an excellent graduate employment record

Employers targeting Cardiff University include:

- Abercrombie and Fitch
- ACCA
- Admiral Insurance
- Airbus Group
- Allen and Overy
- Amazon
- Armed Forces
- Arup
- Babcock International
- BBC
- Boots
- BP
- British Army
- BT
- Civil Service
- Costain
- Deloitte
- Dyson
- Ernst & Young
- EY
- Eversheds
- Ford Motor Company
- Freshfields
- GE
- General Dynamics
- GlaxoSmithKline
- HMRC
- HSBC
- Hugh James Solicitors
- IBM
- Jaguar Land Rover
- KPMG
- Laing O’Rourke
- L’Oréal
- Lloyds Banking Group
- Lloyds of London
- Macfarlanes
- Marks and Spencer
- Microsoft
- Mott MacDonald
- Nationwide Building Society
- Network Rail
- NHS
- PwC
- Redrow Homes
- Santander
- Specsavers
- Sky
- Tata Steel
- TeachFirst
- The Church in Wales
- Transport For London
- Welsh Government
- Welsh Rugby Union
Enrich your studies with our global opportunities, research and language programmes.

Global Opportunities
Studying, working or volunteering abroad as part of your university experience is a great way to broaden your academic knowledge, immerse yourself in another culture and gain skills that will be highly valued by employers. We have links with over 300 top-ranked institutions and can provide you with the opportunity to study in countries in Europe and across the world.

European Exchanges
We have exchange partners across 25 EU countries through the Erasmus+ programme. If you decide to study a modern foreign language at Cardiff, a Year Abroad will form an integral part of your degree. However, you don’t have to be studying a language to study in Europe; you could study abroad for a semester with one of our partners where teaching is delivered in English.

International Exchanges
There are also opportunities to study at some of the world’s top-ranked international universities in countries such as the USA, Canada and Australia. Study options include spending a year or a semester abroad, or taking a clinical placement.

Short-term Study, Internship and Volunteering Opportunities
Through the Global Opportunities team, you can undertake a range of short-term placements to study, work or volunteer abroad. Lasting a minimum of four weeks during the summer holidays, these programmes are ideal if you don’t have the opportunity to study abroad as part of your degree, but would still like to gain international experience.

Finance and Support
There is a range of funding available to make international placements more accessible. These include one-off bursaries and monthly grants. Students undertaking European and international exchanges as part of their degree programme also pay no additional tuition fees and are eligible for support from Student Finance.

Employability
An international experience can help you enhance your CV, by developing valuable skills required by employers in today’s globalised recruitment market.

Languages for All
Learning a language opens doors to new experiences, expands your networks and improves your employability. A recent CBI survey found that 72% of UK firms thought that foreign language capability among their staff was a benefit to their business.

At Cardiff, you can study a modern language of your choice free of charge. We offer a flexible and innovative choice of study options designed to fit with your degree course. Whether you want to learn a new language or develop your existing skills further, Cardiff Languages for All will have something for you, offering:

- Weekly courses during the semester in a range of languages from beginners to advanced levels, timetabled to avoid clashes with your modules
- Weekly courses during the holidays if you prefer to learn intensively or want to go up to the next level quickly
- An Autonomous Learning option, where you can study a language independently or get further practice. This includes language and cultural exchange activities, recommended courses and resources, and targeted language advice.

Programmes will use the latest technology and teaching methods to ensure you are making the most of your language learning.

Languages For All offers classes in Arabic, French, German, Italian, Japanese, Mandarin Chinese, Portuguese, Russian and Spanish. You can choose any language you wish for autonomous learning.

Cardiff University Research Opportunities Programme
This programme provides you with unique opportunities to sample live research and enhance your academic skills, to allow you to make a more informed decision on furthering your research at postgraduate level. The programme provides funding to participate in the University’s research activity through extra-curricular projects linked to staff research areas. Students are typically engaged for periods of eight weeks during the summer to work on particular projects.

Find out more...
Email: go@cardiff.ac.uk

CardiffConnected
I remember sitting in a lecture when I heard about the opportunity to go to Hong Kong University for a summer programme. Despite my immediate interest, I didn’t realise what a fantastic opportunity Cardiff University was offering until I researched the prospect further. The course itself, the destination, and the cultural experience all enticed me to apply, particularly as it was funded! The experience I had was a true ‘once in a lifetime’. The whole experience was everything I expected, plus more. I gained knowledge in areas I would not cover as part of my degree, I experienced a new culture, grew in independence and confidence, plus I made remarkable friends. Despite my prior nerves and concerns, the Global Opportunity Centre provided guidance and advice through the whole process, and took a genuine interest in helping me gain the most out of the experience. Even if this particular programme does not appeal to you, I would definitely investigate the opportunities provided by the Global Opportunity Centre, as the destinations and experiences on offer are endless!

Lara,
Hong Kong University,
New Horizons Summer Programme: Global Business in Asia
An international experience can help you enhance your CV, by developing valuable skills required by employers in today’s globalised recruitment market.

My Sri Lanka Placement

This summer I had the amazing opportunity to do a Mental Health Placement in Sri Lanka thanks to the SLV Organisation.

Our normal week would consist of helping run activities for Special Needs and teaching Sri Lankan children and adults English. We really got a feel for the Sri Lankan lifestyle; living and eating in a Sri Lankan homestay, getting ourselves to our projects using the local transport. Our ‘amma’ (mum), although not speaking a word of English, would always give us the brightest smile and ask about our day. She treated us like her own children and it was definitely hard to say goodbye when the time came.

In terms of mental health, the fact that only 1% of Sri Lanka’s healthcare budget goes towards mental health shows how British views of mental health differ to that of Sri Lanka. Even though people are becoming more accepting that mental health is just as important as physical health, in a country which is deeply religious, people would rather go to a monk or shaman to get someone treated instead of a psychiatrist. By the time they do take the patient to a psychiatrist, the disorder would have already done a lot of mental damage to the person, making it harder to treat.

Having talked to a Sri Lankan psychiatrist and worked on case studies in a psychiatric ward, I could tell the psychiatrists had a tough job on their hands with over 100 patients coming in a week and only have about 30 minutes to an hour with each patient.

The volunteering we did with SLV definitely made me feel we are helping locals see that mental health is important and for patients who believe they have been ostracised from society, we are that someone who does care for them.

Wendy
2nd Year Human and Social Sciences
Living in Cardiff

Most of our accommodation is within easy walking distance of academic buildings and the Students’ Union.
Your home from home - we have a range of options to suit all tastes and budgets.

Our advice would be to live in a University accommodation in your first year, whether it be a student house or hall of residence. University accommodation provides an opportunity to meet and get to know students from a variety of backgrounds, studying a range of different subjects. Residences provide a supportive, friendly community with exciting events run by the Residence Life team to help you settle in.

Guaranteed Accommodation
If you accept your offer of a place at Cardiff on a firm basis, you are guaranteed a single occupancy place in University accommodation during your first year, which will be with other first year undergraduate students.

Please see our website at: www.cardiff.ac.uk/residences for full details of our accommodation guarantee and the associated deadlines.

“A Cardiff boasts one of the lowest living costs in the UK.”

The Complete University Guide 2018

A Range of Accommodation
We continually invest in our student accommodation and carry out annual maintenance programmes. When designing our accommodation we have paid particular attention to the views of students themselves. Unusually for a civic university, most of the accommodation is within easy walking distance of lecture theatres, libraries, laboratories, the Students’ Union and the city centre.

With 16 different residences, providing more than 5,500 study bedrooms, you can apply for one that best suits your preferences, interests and budgets. 70% of bedrooms have their own en-suite facilities and all bedrooms have University computer network connection points and wireless access.

“A typical kitchen in a self-catered student residence”

Living with Other People
Among the many changes you will have to make when you go to uni, living with other people and adapting to a new living situation will most likely be one of the biggest adjustments you’ll have to cope with. Whether you’re moving into halls with strangers, moving into a house with friends, or moving into a flat with your partner for the first time, it can be a pretty stressful process. Moving from your family home can be challenging for a number of reasons; you might miss your family, struggle to be independent, or want your own personal space.

Being patient with others and pulling your weight are my two main tips. Everybody comes from a different background, some people are used to doing everything for themselves, while others are used to having family help clean up after them. Speak frankly with your housemates and establish some ground rules. Perhaps have a discussion about whether it’s okay to borrow each other’s stuff. It’s easier to talk about when you first move in so you can establish where everybody stands before somebody uses somebody else’s favourite mug, or somebody uses the last of somebody else’s rice the day they were planning on making a curry. Things like designating jobs or keeping a to-do list helps everyone to keep on top of tasks and make sure everyone is doing their bit.

Sorting out bills, establishing house rules, and gaining a consensus between everyone you share a house with will allow you to live together with minimum stress and conflict, letting you concentrate on important things like studying and enjoying uni life.

Hope
The Choice is Yours
Self-catered accommodation enables you to prepare your own meals to fit around your timetable, taste and budget. You could also opt for a catered option with an evening meal (part-catered) or breakfast and evening meal (catered – female only). All catered options offer vegetarian meals and facilities to make snacks and hot drinks.

Applying for Accommodation
Once you are made an offer at Cardiff University, you will be sent details of how to apply for a place in our residences. If you accept our offer on a firm basis you will be given the highest priority in the allocation of residences.

Cardiff is the UK’s second most affordable university city
Source: NatWest Student Living Index 2018

Affordable Accommodation
Fees depend on a range of factors, such as facilities within the residence, or study bedroom and whether you go for catered, part-catered or self-catered options. Our fees compare very favourably with those of other UK universities. Typically, catered accommodation costs approximately £147 per week. A place in self-catered accommodation currently costs between £108-£137 per week (all figures quoted at 2018/19 prices). The cost for 2019/20 will be confirmed during 2019, and published on our website.

Couples and Families
We have a small number of residences suitable for couples and families. We are, therefore, unable to guarantee this type of accommodation, and priority is given to students coming from overseas for the first time. All students living in such accommodation are expected to find alternative accommodation for subsequent years, as we are unable to provide this option beyond the first year. Students seeking couples/family accommodation are strongly advised to secure suitable accommodation before their arrival in Cardiff.

Residence Life
The Residence Life Team are dedicated to enhancing your experience in our accommodation. Our staff work in partnership with Student Support and Wellbeing, the Residences Office and the Students’ Union to ensure that you have the best possible time whilst staying in our accommodation. The team are committed to providing a warm welcome and helping you to make a smooth transition into University.

They also help foster a strong sense of community through a range of social events and cultural activities, as well practical support. The team also provide peer to peer support, and signposting to Student Support and Wellbeing when needed.

Virtual Campus Tour
Discover more about the University and the city of Cardiff through our interactive online tour at:
virtualtour.cardiff.ac.uk

Find out more . . .
For further information please visit our website: www.cardiff.ac.uk/residences
Alternately a guide containing more detailed information is available online at: www.cardiff.ac.uk/pubs/ug
You can also watch our residences film online at:
www.youtube.com/watch?v=hzX-dYL1B8
Meet Our Student Bloggers . . .

Want to know more about life at Cardiff University? Our Student Bloggers are real students studying on a range of courses who share their experiences of what it’s like to be a student at Cardiff.

Wondering what a typical day is like? What clubs and societies you could be involved in? Whether Cardiff’s music scene is any good?

Our students’ write about ‘all things’ student life so visit www.cardiff.ac.uk/studentbloggers to explore Cardiff through our students. Our students are also here to answer any questions you might have so leave a comment or get in touch on social media and our student bloggers will be sure to answer your queries.

OLIVER
4th Year Medicine
Hello everyone! As this is my first time blogging, I thought I’d start with the basics and just introduce myself and my background. As you can see from my bio, my name is Oliver, I’m from Cardiff and I’m currently in my 4th year at Cardiff University. I study Medicine, but this year am doing an intercalated degree in Medical Education. I’m sure this is a foreign concept to most people, so I’ll explain. An intercalated degree is where you step out of Medicine for a year and enter the final year of another degree (this has to be related to Medicine). This means all the coursework, deadlines and (eek) the dissertation! Joking aside, it’s a great opportunity and so much fun so far!

Ellie
2nd Year Journalism
Hey! I’m Ellie, a second year Journalism student from Basingstoke. I love all things travel and am going to be taking a semester abroad in Australia this year as part of my degree. I also went volunteering in Fiji last summer alongside other Cardiff uni students – it was incredible! Being a student blogger means I can share all the insights into student life and the opportunities on offer in this fantastic city!

Dan
3rd Year Electronic and Engineering
Hi I’m Dan and I’m a third year electrical and electronic engineering student originally from Cornwall.

So far during my time at Cardiff I’ve spent a year in Germany working, I’ve spent a semester studying in Arizona, USA, and I’ve been a committee member of the Airsoft society (as well as many other things!). I’ve been making student life Vlogs during and after my adventures abroad, full of really good advice for prospective and new students, so if you’re looking to study at Cardiff I highly recommend checking them out!
Student Services

With 1.2 million books, a high-speed IT network with Wi-Fi access, purpose designed study facilities and a comprehensive student support service, we make sure that you are well supported throughout your time at Cardiff.

IT Facilities
Our IT facilities give you access to a range of support, tools and resources to help your study. The University-wide wireless network covers both campuses as well as University owned residences.

Through the University network, you can use a wide range of software applications and collaboration tools. Your University username and password enables you to access online resources and services, including email and networked file storage. You also benefit from a free subscription to Microsoft Office 365 products (Microsoft Office ProPlus) for the duration of your studies.

We have an ‘enhanced virtual online learning environment’, which gives you online support for learning, studying and collaboration.

This can be accessed both on and off campus through our intranet. Open Access IT rooms across the University, some of which are open 24-hours a day, 7-days a week, are freely available for you to use.

You can access over 1.2 million printed books, including multiple copies of recommended textbooks on reading lists, 53,000 eJournals, and an extensive range of rare and historical books in all subjects. We also offer self-service loans and returns, and access to photocopying and IT services.

Helpful Staff
Our approachable Library and IT staff are experts in their field and always available for advice.

A range of help in using both libraries and IT resources is available. We hold a programme of workshops, seminars and training courses, including an online library induction, which help you to make the most of the resources available to you. We also provide a range of support to enable students with disabilities to access our libraries and IT services.

For specific questions or help, you can get in touch by phone (IT help is available by phone 24-hours a day), online live chat, email or in person. The IT Clinic in the Students’ Union also provides advice on common IT issues.

Your Student Life Supported
The Student Support and Wellbeing teams are here to support you during your studies. Specialist staff are available to offer confidential advice and support, to help you make the most of your student life. Student Support Centres are based in Cathays and Heath Park.

Supporting your Study
To help you adapt to new ways of learning and teaching, as well as living away from home you will be assigned a student mentor from your academic school when you arrive. The Student Mentor Scheme is a team of trained students who offer their personal insights and experiences to help you with any academic and non-academic queries or concerns you may have.

If you have a long-term physical or mental health conditions, specific learning difficulty, autism spectrum condition, sensory or physical impairments please contact our Disability and Dyslexia team as soon as possible. The team will provide you with specialist non-judgemental advice to assist in identifying your support needs, any reasonable adjustments you may require and access relevant support services. They offer support in applications for the Disabled Students’ Allowance (DSA) and has an onsite accredited Assessment Centre which provides DSA Needs Assessments.

To help you with your studies and improve your grades you have access to Academic study skills classes. Run throughout the year, topics include revision, note taking, critical reading and essay writing.
Looking after your Health and Wellbeing

We encourage all students to look after themselves during their studies. Our Counselling Health and Wellbeing team are available to support you with managing your emotional and/or physical health and wellbeing. Wellbeing and counselling staff, student wellbeing champions and the Student Occupational Health team can assist you according to your personal circumstances. The university also has its own GP Surgery.

Support for Students Living in University Accommodation

We want you to make the most of your time in halls of residence. Our Residence Life team are dedicated to creating a community within residences where you feel a sense of belonging and inclusion and encourage you to get involved in activities and share your experiences. Where appropriate they will signpost you to support services to help you make the most of your student life and achieve your personal goals and aspirations.

Managing your Money and Practical Advice for Living in Cardiff and the UK

If you need advice, information or assistance with visa and Immigration advice, or student funding, bursaries, scholarships, charities or trust funds, our Advice and Money team can assist you. The team can also help you with your money skills, budgeting and emergency money should you need it. As well as providing advice on housing, changes in circumstances, adjusting to life in Cardiff.

Preparing for your Future

We encourage you to make the most of your time during your studies to develop your skills and experiences. Our Careers and Employability and Global Opportunities teams can assist you with your career planning and encourage you to start in you first year. The teams are available to support you with exploring your options, gaining experience in the UK and spending time abroad, developing your skills and competing for jobs. The teams can support you in improving your prospects and developing the skills and attributes employers look for.

Student Support and Wellbeing teams offer a range of appointments, drop-ins, group sessions, workshops, events, peer-to-peer support and self-help resources.

Day Care Centre

We can provide full day care facilities for children aged 10 weeks to 5 years, open from 8am-6pm, Monday-Friday. Early application is advisable as places are limited. Fee information can be found on our website.

Eye Clinic

The School of Optometry and Vision Sciences operates an eye clinic, which is open to you if you need your eye sight examined.

University Chaplaincy

Our Chaplaincy is made up of Christian (Catholic, Church in Wales (Anglican), Methodist, and Eastern Christian), Hindu, Jewish and Muslim chaplains. All are available on campus or via the University website. They are here to assist you with any pastoral and spiritual matters.

Find out more . . .

www.cardiff.ac.uk/studentsupport
Email: studentsupportcentre@cardiff.ac.uk
Tel: (029) 2087 4844

When I encountered problems during university, Student Support helped immeasurably. Knowing that there was such a committed team helping me was a real comfort and this helped me to get back on track with my studies.

Victoria, Graduate, 2016
Students’ Union

Our Students’ Union is consistently considered one of the best in the UK*.

Our Students’ Union is at the heart of the Cardiff student experience. As a student-led, independent part of the University, the Students’ Union is there to represent your academic interests as well as providing a diverse range of activities and services that promote inclusion, friendship and personal development. These include advice, training, skills development, entertainment, volunteering opportunities and employment.

The Heart of Student Life
Offering more than 200 societies and 60 sports clubs, we do all we can to help you enjoy your time in Cardiff. If you can’t 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 from sports, arts and student politics, to day trips and weekends away.

If you’ve got an interest in media, you can get involved in our award-winning media which include the student newspaper, Gair Rhydd, a lifestyle magazine called Quench, as well the Union’s own radio and TV stations, Xpress Radio and Cardiff Union TV.

We offer courses in skills development, opportunities to volunteer in the community, and the chance to gain work experience while you study. If you’re thinking of owning your own business, we can give you valuable advice on how to get your idea off the ground.

The Union also runs Jobshop, a dedicated service for students looking to find temporary work that fits around their studies. Jobshop offers student jobs in the University, Students’ Union and lots of other local businesses.

The Home of the Student Voice
The Union works constantly to take your views to where they count and works in partnership with the University to ensure your views are represented at every level. We also have 1,000 student academic reps across the University who can represent you on academic issues.

Entertainment and Services
The Students’ Union is based in a purpose-built building on Park Place at the Cathays Park Campus, and in the IV Lounge at the Heath Park Campus.

It is a perfect place to study, socialise and relax. It offers ample desk space, seating, computer access, power points for laptops and group meeting space. The food court serves up a great range of food to keep you going, whether you’re doing coursework, revising for an exam or catching up with friends.

Each week the Union hosts a variety of club nights with music from dance and alternative, to chart and pop. Y Plas, which in the evening becomes a nightclub, is host to live music, club nights, stand-up comedy, fashion shows and awards ceremonies, so there’s lots to keep you entertained. The legendary Great Hall, has played host to some of the biggest names in music, from Oasis and Chemical Brothers, to Ellie Goulding and Example.

You will find a range of shops and services including a coffee shop, a barber’s, a bank, a bookshop and a supermarket. The Union also has its own clothing store and letting agency.

Supporting You
The Students’ Union has its own Student Advice service for those times when you need a little help. It offers a professional, confidential and non-judgemental service for all kinds of issues, such as housing, finances and academic issues.

* Source: Which? University Student Survey 2017

www.cardiff.ac.uk
“Cardiff has one of the biggest, best and most active students’ unions in the UK, with high quality facilities including Y Plas, a 2,150 capacity nightclub; and the Great Hall, a major concert venue”

Complete University Guide, 2019

Jody Tozer (BA 2010) is company director at Bulldozer Films, an independent film company specialising in music videos, short films, documentaries, and television content.

Studying at Cardiff University really helped me shape what I wanted to do with my career. Participating in student media helped develop the skills I now use on a daily basis at work. My degree in English and Communication was great, but it was the experience I gained outside study that has led to where I am today.

I was completely won over by the opportunity to participate in the Cardiff Student Media Awards, and work on numerous media outlets such as Gair Rhydd, Quench, CUTV, and Xpress Radio.

The Student Media Awards is one of my favourite memories. It’s a very glamorous event, where students are acknowledged for the work they have done in media outside of their degrees. It’s also a great excuse to get dressed up and have a party.

In the year after I graduated, I undertook some freelance work as a videographer, and participated in a business mentor scheme which helped guide me on the next steps in self-employment.

I now run my own business: Bulldozer Films. I work my own hours, and can be doing anything from marketing to processing funding applications. I am also a film festival director for the Cardiff Mini Film Festival and Ffresh Student Media Festival of Wales – I take part in every part of the production process for each.

I will always remember my university experience as some of the best years of my life. I’m so glad I went. I started as a mature student – around nine years older than my peers – but I felt completely at home. Cardiff University was the platform for me to realise my future.

Find out more . . .
Web: cardiffstudents.com

CardiffConnected

@cardiffstudents

@cardiffstudents

@cardiffstudents
Sport

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

Sports Training Village – Talybont
Conveniently located at one of our major student residences, a short walk from the main campus, you’ll find a wide range of indoor & outdoor sports facilities. Our multipurpose sports halls accommodate training and matches for many of the university sports clubs, with a fitness suite, conditioning room, glass back squash courts and cricket nets also available here. Outdoor facilities include floodlit artificial pitches and tennis courts. The Centre also hosts physiotherapy services and team conditioning sessions.

Fitness and Conditioning Centre – Park Place/Senghennydd Road
Located at the heart of the main campus, this facility offers three floors of cardio, resistance and weights equipment. The fitness suite houses a broad range of resistance based equipment and cardiovascular machines, with a state-of-the-art strength and conditioning provision on the top floor. This provision includes Olympic lifting platforms and functional training equipment, maximising the potential and competitive edge for elite athletes. Used by international teams, including the New Zealand and Australian rugby teams, the Centre is suitable for all abilities from beginners through to professional athletes. Our friendly and personal approach to health and fitness includes personal training, individual programme design, fitness testing and nutrition advice.

Studio 49 – Park Place
Located close to the city centre and the University’s Main Building, Studio 49 is a modern dance studio hosting a wide range of fitness classes. Some of our most popular classes include Pilates, yoga, indoor cycling and Zumba.

Sports Fields – Llanrumney
This outdoor sports complex comprises of 33 acres of first-class grass pitches (one floodlit) and a full-size 3G match pitch. The floodlit, all weather surface is FIFA and IRB approved and includes a stand and warm-up area, so sport can take place throughout the year. This facility has also welcomed many travelling international rugby and football squads for training.

Sports Clubs
There is an extensive offer of sports clubs at the University, with opportunities to participate at an elite or recreational level. Currently there are over 60 Athletic Union clubs for men and women, ranging from traditional sports, such as rugby and cricket, to martial arts, motorsports and dodgeball. 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 against other universities. Many of the university sports clubs compete at the very highest level, competing in the BUCS Premier League for their respective sport. We are consistently ranked amongst the top UK universities competing in the BUCS competition. We also have an extremely popular intra-mural games programme with over 100 teams competing weekly in netball, football and rugby.

High Performance Sports Programme
Our High Performance Programme provides elite sportsmen and women with a comprehensive support programme to ensure that they have the necessary environment to excel in their given sport. Areas of support include; lifestyle management and academic support, physical preparation such as physiotherapy, sports massage and strength and conditioning coaching, as well as the potential for financial award. Cardiff University, together with Cardiff Metropolitan University and the University of South Wales, 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.

Sports Clubs include:

- Akido
- Lacrosse
- American Football
- Motorsport
- Archery
- Mountaineering
- Association Football
- Mountain Biking
- Athletics
- Netball
- Badminton
- Pool
- Basketball
- Rambling
- Boxing
- Riding
- Canoeing
- Rifle
- Caving
- Rowing
- Cheerleading
- Rugby
- Clay Pigeon
- Shooting
- Sailing
- Shooting
- Snooker
- Cricket
- Snowsports
- Crossfit
- Squash
- Dodgeball
- Sub-Aqua
- Dance
- Surf
- Fencing
- Swim and Water
- Golf
- Polo
- Hockey
- Table Tennis
- Ice Hockey
- Taekwondo
- Jiu-Jitsu
- Tennis
- Karate Wadokai
- Trampolining
- Kickboxing
- Ultimate Frisbee
- Kitesurf
- Volleyball
- Korfball
- Windsurfing
- Kung Fu
- Yoga
Heather Knight OBE (BSc 2012) is captain of the England cricket team.

I started to fall in love with cricket when I was about six years old. I spent most of my childhood playing in the boys’ and men’s teams, but didn’t really view cricket as a potential career path until I’d spent four years playing for England and professional contracts came in.

I wanted to go to a university with an MCCU cricket academy. Having visited Cardiff for an Open Day, I felt it had a really good vibe and I knew I would enjoy my time there. I was particularly interested in Physiology, and Cardiff has a very strong Bioscience department.

Midway through my degree, I was called up for England’s tour of India. After India, I was frequently on tour for months at a time, meaning I had to study a lot of the lectures remotely. I also had to take some of my exams in the re-sit periods. The department were always brilliant with allowing me extended time for assignments, and remaining flexible; I think it helped that my Personal Tutor was cricket-mad!

My Cardiff degree made me see things outside the sporting world from a different perspective. There’s an opportunity for everyone to get involved in cricket. It’s a very social game and there’s a place for everyone at some level, as well as the opportunity to mix with a variety of people that you might not otherwise meet. I met some great people through Cardiff University’s cricket club and I am still friends with some of them today.

Lewis Oliva, Current British Sprint Champion.

I chose Cardiff University primarily due to the pedigree of its medical school. I knew they had fantastic facilities and an innovative curriculum which excited me. My first year was a blast, studying full-time and also training in the Newport velodrome every day. I was pleasantly surprised and overwhelmed at how supportive the University have been with me, allowing me the necessary time out from the course to compete on the world stage. As a result, it was nice to give something back by becoming the first person from Cardiff University to win BUCS sportsman of the year.

Since enrolling at Cardiff University I’ve been fortunate enough to perform consistently on the world stage, winning a number of World Cup medals. The Commonwealth Games presents a huge opportunity to top this season off - it’s always extra special to pull on the Welsh jersey, a proud moment for any Welshman.

Balancing four hours a day of training around full-time studying isn’t easy but when you enjoy what you do, it makes it worthwhile. The course is time consuming and it is a balancing act fitting in studying and revising in between sprint efforts! Lucky for me, my fiancée helps me keep my head above water - not to mention help take the stress off planning a wedding this summer!!
Students from Around the World

Over 7,000 students from more than 100 countries choose to study at Cardiff University. A friendly welcome starts from your very first enquiry.

Before Leaving Home
A friendly welcome starts from the first time you make contact with us. Our dedicated and personal service from the International Office will support you throughout your application journey and provide you with any advice and guidance when needed.

Accommodation Guaranteed
Cardiff is one of only a few universities that offers overseas students, applying through the normal admissions cycle, a single occupancy room in University residences during term time and vacations for the whole of their degree programme.

On Arrival in the UK
Coach Collection Service
We provide a free coach collection service from Heathrow and Cardiff airports in the week prior to September enrolment. You will be met by University staff who help you get to your accommodation and answer any questions you have on the way.

Induction Programme
The International Student Induction Programme takes place in September and January and includes events and activities that introduce you to the University, the city of Cardiff, and the surrounding areas. It is a great way to meet other students and to make friends. You can also join any of the numerous Students’ Union social and sporting societies.

At Cardiff University
Support Throughout your Studies
A comprehensive range of services are available to help you make the most of student life. This includes welfare advice and support from our Advice and Money Team, Wellbeing and Counselling Team, and Careers and Employability Service. Our International Student Support Team has specialist advisers who can help with issues such as visas, immigration, housing or anything else you may wish to talk about. All students are also assigned a Personal Tutor to guide and support you with academic and non-academic needs throughout the duration of your degree programme.

International Students’ Societies
Within the Students’ Union there are many societies run by international students. They arrange cultural and social events throughout the year, making your time at Cardiff University as enjoyable as possible.

Jobshop
Most international students are able to work part-time, if their studies allow, up to 20-hours per week during term time and full-time during the holidays. The Jobshop is the University’s own employment agency that helps you find casual work on campus and throughout the city.

Alumni
Your relationship with Cardiff University does not end at graduation. After graduation, you will become part of a global network of over 165,000 Cardiff University alumni. You will be able to join worldwide alumni societies, attend reunion events and recommend your experience to others considering Cardiff.

Fees and Living Costs
Fixed Tuition Fees
International tuition fees are fixed for the majority of our three year undergraduate programmes for the duration of the course. The price you pay in Year One will be the same in years Two and Three, making it easier to plan and budget.

Flexible Fee Payment
If you are a self-financing student, you can, at no extra cost, pay tuition and accommodation fees in three equal instalments throughout the year, which makes the payments easier for you and your family.

Living Expenses
Cardiff enjoys one of the lowest costs of living of any major city in the UK. The close proximity of the student residences to Academic Schools and the city centre mean that you won’t waste time and money on unnecessary travel. The estimated living expenses for a single student living in University-owned self-catered accommodation during term time (nine months) is £8,996.

Entrance Requirements
The academic entrance requirements in this prospectus are given in terms of A-level grades/IB points. If you are taking any other qualifications, please see our website or contact the International Office who will be very happy to advise you as to whether your qualifications are acceptable and what grades you will need to obtain:
international@cardiff.ac.uk.

English as a Foreign Language
You must have a standard of written and spoken English that will enable you to benefit fully from your course. A selection of the English Language qualifications and the scores usually required by the University is given below.* Some Academic Schools have individual requirements and may ask for higher scores. If your qualification is not listed, please contact us for advice.

IELTS: An overall score of 6.5 with at least 5.5 in each sub-score is required for most courses
TOEFL: A score of 90 or above for most courses
Pearson Test of English: A score of 62 or above for most courses
GCE or GCSE English: Grade C/4 or above
Trinity ISE II/III:
II - at least two distinctions and two merits
III - at least a pass in all components

*Requirements may differ for some courses and in addition to the overall grade, you may be required to achieve a certain level in sub-scores.
Students from Around the World

English Language Courses
We offer a comprehensive range of pre-sessional and in-sessional English courses.
Please see page 148, or visit: www.cardiff.ac.uk/elt

International Foundation Programme
This programme offers automatic progression to a range of degrees across many of our Academic Schools. The Cardiff University International Foundation Programme is the only foundation programme that offers automatic progression into Cardiff University. See page 149 or visit: www.cardiff.ac.uk/ifp

In Your Country
Education Exhibitions
Members of staff regularly attend overseas exhibitions and would be very pleased to meet you to discuss your application and answer questions regarding study at Cardiff. Please contact the International Office, or check our website to see if we will be visiting your country.

Local Education Advisers
We work in cooperation with many local educational advisers in a range of countries. They can provide you with assistance when applying to study at Cardiff. To find out if there’s an adviser near you, visit: www.cardiff.ac.uk/international

Tanla Hablmana is the creator and host of African TV show Tailored Business where she interviews entrepreneurs and fits them for a suit.

After I left Cardiff, I spent time in Milan, and then started working for the Dutch menswear company, Suitsupply. I learned more about fabrics, suits and the art of tailoring than I ever expected. Suitsupply wanted to expand into Africa, so I relocated to Johannesburg. While there, I was headhunted by a South African news crew, who had spotted an interview I had done on TV. It got me thinking about how I could merge my role at Suitsupply with my newfound passion for telling the ‘African business story’.

Every day, I was fitting really successful and interesting business people for suits. I’d leave each meeting with a wealth of new knowledge and business tips and that’s how Tailored Business was born.

Coming to Cardiff University was the first time I’d lived alone. I found the Welsh capital bustling and lively.

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

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
Web: www.cardiff.ac.uk/international

#weareinternational
Residences

Aberconway Hall 58
Aberdare Hall 60
Cartwright Court 57
Colum Hall 59
Gordon Hall 64
Hodge Hall 61
Liberty House 50
Roy Jenkins Hall 56
Senghennydd Court 63
Senghennydd Hall 62
Talybont Court 55
Talybont Gate 52
Talybont North 53
Talybont South 54
University Hall 51

Directions

For door-to-door directions to Cardiff, go to: www.cardiff.ac.uk/directions

Satnav Postcodes

Cathays Park Campus – Main Building: CF10 3AT
Heath Park Campus – CF14 4XN
Location - Campus Maps

The academic buildings, libraries, Students’ Union, most of the student residences and the city centre are within a short walking distance of each other.
Degree Programmes
by Academic School

Architecture 42-44
Biosciences 45-51
Business 52-56
Chemistry 57-59
Computer Science and Informatics 60-62
Dentistry 63-66
Earth and Ocean Sciences (including Marine Geography) 67-71
Engineering 72-76
English, Communication and Philosophy 77-81
Geography and Planning 82-85
Healthcare Sciences 86-91
History, Archaeology and Religion 92-95
Journalism, Media and Culture 96-98
Law 99-102
Mathematics 103-106
Medicine (including Medical Pharmacology) 107-112
Modern Languages 113-117
Music 118-120
Optometry 121-123
Pharmacy 124-126
Physics and Astronomy 127-130
Politics and International Relations 131-133
Psychology 134-136
Social Sciences 137-140
Welsh/Cymraeg 141-143

Statistics
The Academic School entries of this prospectus include references to our performance in terms of student satisfaction, graduate destinations and research quality. The latest available data sources are as follows:

- Student Satisfaction is based on the results of the National Student Survey 2018.
- Graduate destinations statistics are based on HESA Destination of Leavers of Higher Education, 2016/17.
- Research quality statistics are based on our performance in the 2014 Research Excellence Framework.
Throughout the Degree Programme pages you will notice a combination of symbols appearing at the top right-hand corner of the School’s title page. The symbols are there to alert you to the fact that some of the degree programmes:

- **Are Professionally Accredited**
- **Offer a Year Abroad as part of your study**
- **Offer a Professional Placement as part of your study**
Architecture

The School is consistently ranked in the world’s top 50 schools of architecture in the QS World Rankings.

Our research spans the physical sciences, social sciences, humanities and design, to foster excellence in key areas of architecture and the built environment.

Why choose Architecture at Cardiff?

Our internationally recognised academics work closely with our thriving postgraduate research community on projects such as the UK’s first purpose-built, low-cost energy smart house.

We collaborate with universities, industry and architectural practices all over the world to ensure we maximise our student learning experience and the impact of our research.

100% of our graduates are in graduate employment or further study six months after graduating.*

91% of our submitted research rated as international standard with 75% classed as “internationally excellent” or “world-leading”. *

*See page 40 for details of statistical sources.
Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

A-level: AAA or Grade A in the EPQ and AAB. We prefer a good academic balance of skills in Art/Design subjects, with other Science/Maths or Humanities subjects. Please note, General Studies and Critical Thinking will not be accepted.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

IB: 36 points. Good academic combination of subjects.

Other: Applications from those offering alternative equivalent/overseas qualifications are welcome as are those who may have other relevant work/life experience.

All Applicants

GCSE (or equivalent):
- Maths at Grade B or Grade 6.
- English Language at Grade B or Grade 6.
See page 153 for information about GCSE equivalencies.

Portfolio

Experience and/or a deep interest in art and/or design is an advantage. We ask all our applicants to send us an 8-page electronic portfolio showing art and design work as part of their application. Alternative grades and qualifications may be acceptable with an outstanding portfolio.

Please see our website for further information.

Applications Information

Typical places: 130   Typical applications: 1,000

Find Out More

Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Enquiries: Anwen Cook and Kelly Butt
Tel: (029) 2087 5963
Email: architectureadmissions@cardiff.ac.uk

@WSofArchi   wsofarchi

We boast cutting-edge facilities such as an architectural robotics lab, a digital fabrication lab, and an environmental lab. The latter is home to the sky dome, our artificial sky and heliodon facility which allows researchers and designers to simulate natural lighting conditions; those arising from the sun, sky and clouds, and the reflections from the ground and nearby structures.

Cardiff Connected

“What I love about the Welsh School of Architecture is how much it feels like a family. Every staff member knows the students by name and the support I have received from peers has been extremely helpful in the stressful times. The most important lesson I’ve learnt was understanding how much our designs can have an impact on society. If I was to give any tips to new architecture students, it would be to enjoy your designs, don’t be scared to try new things, be bold! After all, as a student you have the freedom to explore concepts and push your creativity. This is the time to experiment.”

Dolunay   Architecture

Careers

Job roles
Architect, urban designer, researcher and project manager.

Employers
Architectural practices, local government technical/environmental departments, construction companies and universities.
The Welsh School of Architecture has an outstanding reputation for architectural education and research.

Established in 1920, we have a history of attracting undergraduate and postgraduate students from around the world. The School is located at the heart of Cardiff’s Edwardian civic centre.

We have recently also established a flexible and modern studio space in the city centre. All our degree programmes are fully accredited by the Royal Institute of British Architects (RIBA) and the Architects Registration Board (ARB) and provide a stimulating foundation for professional practice.

The Two-tier Degree Structure

The BSc in Architectural Studies is a three year full-time programme, introducing the concerns of architecture and the built environment. The three year BSc is a complete programme in its own right for those who wish to have a design-based education. In addition, the BSc programme can lead to entry onto the MArch programme, provided you obtain a 2:1 class degree or higher.

BSc in Architectural Studies

Years One to Three (RIBA Part 1)

After completing the BSc programme you should be able to:

1. Master fundamental concepts and acquire an ability to access information concerning:
   • the constituent disciplines of architectural design
   • the basic disciplines of architecture.

2. Develop as a designer through:
   • the acquisition of a range of representational skills, including manual craft and CAD techniques
   • the acquisition of imaginative insight into the needs of building users
   • manipulation and resolution of complex three-dimensional design problems
   • ability to integrate social, technical, cultural, environmental and resourcing considerations in architectural design
   • refinement and articulation of the perception of architecture
   • development of self-management and communication skills.

We develop your skills through:

1. Studio-based project work, which takes up two thirds of this programme.

2. Lecture-based modules which support project work. Subjects include: architectural technology (building structures, environmental design, construction and materials); building through time; architecture in context; practice, management and economics; issues in contemporary architecture; and design principles and methods.

3. Visiting and studying cities, buildings and places in their actual context and physical environment at home and abroad.

Examinations and Awards

The degree is normally assessed through end of semester/year examinations and project work examinations. Successful completion of the three year course leads to the award of a classified Honours degree.

Master of Architecture

Years Four and Five (RIBA Part 2)

This second stage of the two-tier BSc/MArch programme is intended for those who wish to continue their education towards becoming qualified architects in the UK.

It comprises two years of study, one of which is based at the School, the other predominantly in practice. Entry to the MArch is invited from graduates from the BSc in Architectural Studies are given priority provided they meet the required standards of a 2:1 or above in their BSc.

There is no automatic right to progression from BSc to MArch within the School, although graduates from the BSc in Architectural Studies are given priority provided they meet the required standards of a 2:1 or above in their BSc.

After completing the MArch programme you should be able to:

1. Extend design experience and knowledge to include the design of more complex buildings and the demands of urban design and, in doing this, to aspire to the highest standards of architecture.

2. Study professionally-associated aspects of the architect’s work and, within this experience, to become able to meet the demands being made on the architectural profession.

3. Pursue specialisms within the field and, in this process, receive a grounding in research methods and an in-depth study of an aspect of architectural design.

We develop your skills through:

• A period of time in practice which consists of at least nine months work-based learning in an architectural practice, where you will undertake study and design modules and make a number of return visits to the School for short courses. Students find their own places in employment whilst staying in contact with the School and returning for a number of short residential courses during this period of study.

• A dissertation which allows you to select from a range of interests within the School and carry out a detailed study based on an appropriate taught methodology. Current options include: architectural science and technology, history and theory of architecture, social issues in architecture, and professional and management studies.

• Project work which includes a comprehensive design for a building or group of buildings selected by you and relating to design specialisms offered by staff. Project work is the major component in the second year of the course.

There are opportunities for you to undertake overseas study visits. Please also see Global Opportunities on page 24.

• Lecture-based modules, which include subjects such as Reflective Practice and Practice Management and Economics.

Examinations

Examinations are normally held at the end of the year.
Why choose **Biosciences** at Cardiff?

Our **flexible curriculum** lets you tailor your degree to your interests and career aspirations.

**93%** of our graduates are in employment and/or further study six months after graduating.*

We are home to the **Welsh Centre for Anatomical Education**.

**98%** of our submitted research rated at least of international standard with **84%** classed as “internationally excellent” or “world-leading”.*

---

*B See page 40 for details of statistical sources.**
Degree Programmes/UCAS Codes

Single Honours

Biological Sciences BSc
(3 years) C100
(4 years*) C101

Biological Sciences (Zoology) BSc
(3 years) C300
(4 years*) C301

Biochemistry BSc
(3 years) C700
(4 years*) C701

Biomedical Sciences BSc
(3 years) BC97
(4 years*) BC9R

Neuroscience BSc
(3 years) B142
(4 years*) B143

Biological Sciences MBiol
(4 years) L9Y7
(5 years*) 6FK9

Biochemistry MBiochem
(4 years) 386N
(5 years*) 873C

Biomedical Sciences MBiomed
(4 years) 51T8
(5 years*) 52G9

Neuroscience MNNeuro
(4 years) 37JL
(5 years*) 4K5G

*These programmes include a Professional Training (Sandwich) Year.

Further Degree Options

If you enter on one of our five entry BSc degrees, you will also have the option of graduating with one of the degree titles below:

BSc Biological Sciences (Genetics)
BSc Biomedical Sciences (Anatomy)
BSc Biomedical Sciences (Physiology)

Preliminary Year

BSc Programmes with a Preliminary Year may be four years (without Professional Training) or five years (with Professional Training).

See page 150 for UCAS course codes.

Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

A-level:

BSc: Students taking either Biology or Chemistry A-Level and a second science A-Level are typically made an offer of AAB-ABB.

For students taking Biology or Chemistry A-level (with no second science subject) a typical offer would be AAB, where an A Grade must be achieved in the Biology or Chemistry A-level.

For students taking the EPQ qualification, an A in the EPQ will lower the entry requirements by a single Grade. For example an AAB offer would be “AAB from 3 A-levels or ABB from 3 A-levels and a Grade A in the EPQ”.

The most common second science subjects are Chemistry, Maths, Physics, Psychology, Physical Education, Environmental Science and Geography. Please contact us for a full list of acceptable science A-levels.

Two AS-levels may take the place of a non-science A-level and a Core Maths qualification is counted as an AS-level-equivalent.

Critical Thinking and General Studies A-levels are not accepted.

Integrated Master’s: AAA to include either Biology or Chemistry.

WBA: The Advanced Welsh Baccalaureate (Level 3) may take the place of a non-science A-level if the Skills Challenge Certificate is awarded at the same Grade as the non-science A-level requirement.

IB: BSc: IB Diploma with an overall score of 34-32 including Grade 6 in Higher Level Biology or Higher Level Chemistry – or – IB Diploma with 655 at Higher Level including 6 in Biology or Chemistry.

Integrated Master’s: IB Diploma with overall score of 35 Points including a Grade 6 in Higher Level Biology or Chemistry – or – IB Diploma with 666 to include Higher Level Biology or Chemistry.

BTEC Extended Diploma in Applied Science

BSc and Integrated Master’s: DDD in the RQF Extended Diploma in Applied Science or Animal Management, with D in all of the Core/Mandatory Units.

Access to HE Qualifications

The Access to Higher Education Diploma (Biosciences) awarded by Agored Cymru is suitable for entry into our courses with the following attainment. BSc: 30 level 3 credits to be awarded at Distinction, 15 to be awarded at Merit. Integrated Masters: 45 level 3 credits to be awarded at Distinction.

GCSE Requirements

• GCSE Maths or Numeracy at Grade C or Grade 4.
• GCSE English Language or Welsh at Grade C or Grade 4.

See page 153 for information about GCSE equivalencies.

Preliminary Year

Our Preliminary Year Course has similar academic requirements but is suitable for applicants not undertaking qualifications in subjects suitable for Year One entry.

Alternative Qualifications

Applications from those offering alternative qualifications are welcome, as are those who may have combinations of qualifications or other relevant work/life experience. If you would like to know the entry requirements for a specific qualification not listed here, please contact one of our Admissions Tutors using the details below and we will advise you whether the qualification is suitable for entry.

Find Out More

Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Tutors:
Dr Andrew Shore and Dr Zoe Prytherch
All degrees:
Email: bioscience-ug@cardiff.ac.uk
Tel: 029 2087 4296
Careers

All of our degree programmes provide graduates with an excellent base for further study, or upon which to enter a wide range of graduate careers. Opportunities for graduates in the Biological, Biomedical, Biochemical and Neurobiological sciences are varied and include:

- Agro-industry
- Biotechnology Research and Development
- Environmental Management and Research
- Conservation
- Biological Industries
- Healthcare
- Medical and Scientific Research
- Medical and Scientific Publishing
- Molecular Biology
- Paramedical Science
- Pathological Science
- Pharmaceutical and Biomedical Industries
- Public Sector Organisations
- Research Institutes
- Science Communications and Journalism
- Teaching
- Toxicology
- Wildlife Management and Research

Many of our graduates also go on to pursue careers in more general areas of industry, commerce, government and public service, administration and management. Finally, a degree in the biosciences can act as a stepping stone to further training in professional areas including teaching, medicine, dentistry, nursing, veterinary science or accounting.

Examples of recent graduate careers: Ecologist, Laboratory Researcher, Lecturer, Forensic Scientist, and Environmental Scientist.

We are based in the modern Sir Martin Evans Building, named after our founding director and Nobel Prize winner. Our location is right in the centre of the Cathays Park Campus and close to the Students’ Union, libraries, support services and several University residences. We’re also just a few minutes’ walk from Cardiff’s lively city centre.

Cardiff Connected

“Cardiff University School of Biosciences has been my home for the last eight years, shaping me from an undergraduate student who discovered an interest in cancer cell biology. They nurtured my talent to allow me to become the cancer researcher I am today.”

Stephanie  Postdoctoral Researcher
Our Common First Year
At Cardiff, we believe that a holistic approach is important in the early stages of a bioscientist’s training. As the fundamental knowledge required for biological, biomedical, biomolecular and neurological subjects is similar, we deliver a broad Year One curriculum with a common starting point, which enables you to progress and divert into more specialised areas of learning later in the course. This common first year enables flexibility in future degree choices; at the end of the first year you can decide to stick with your original degree registration, or choose a different degree within the School, that is more suited to your aspirations and academic interests. Full pathway guidance will be provided by our supportive academic staff.

If you are on the three-year BSc, you also have the option of switching to a four-year ‘Sandwich’ course which includes a professional research-based placement in industry or academia.

Furthermore, depending on availability and academic attainment, you may also have the opportunity to change your course, to one of our Integrated Master’s degrees.

First Year Content
The first year provides a firm foundation in all the biological disciplines, and essential related fields, ensuring that you are well-prepared for subsequent studies in the second and final years. Lectures are supported by extensive practical and problem solving classes. You will study the following modules:
- Skills for Science
- Structure and Function of Living Organisms
- Organisms and Environment
- The Dynamic Cell
- Biological Chemistry
- Genetics and Evolution.

Years Two and Three offer Additional Degree Options
In the second and third years we offer a truly flexible programme which enables you to select the degree pathway that best fits your interests and aspirations.

Depending on your module choices you may, if you wish, graduate with a different degree to the one you entered on, including one of our three additional degrees in Anatomy, Genetics and Physiology. This system offers more choice and control over your studies, and the modules you choose will lead to your final degree designation.

Course Modules
The modules you choose in years two and three will determine your final degree title and some of our degrees require you to take specific module combinations. Your personal tutor will guide you through the options available, to ensure that you graduate with your preferred degree.

Year Two
In Year Two, you will study three 40-credit modules from the selection below.
- Animal Diversity and Adaptation
- Genetics and its Applications
- Ecology and Conservation
- Cell Biology
- Biochemistry
- Developmental and Stem Cell Biology
- Molecular Biology of the Gene
- Physiology
- Concepts of Disease
- Practical Anatomy
- Brain and Behaviour
- Fundamental Neuroscience

Year Three
In Year Three, you will complete a 30-credit research project along with three additional 30-credit modules. Students on the Integrated Master’s Degree will complete a module in Advanced Research Techniques in place of the research project.
- Biosciences BSc Final Year Project (BSc students only)
- Advanced Research Techniques (Integrated Master’s students only)
- Plants for the Future: Frontiers in Plant Science
- Ecosystems, Sustainability and Global Change
- Evolution and Adaptation
- Biodiversity and Conservation Biology
- Infection Biology and Epidemiology
- Systems Biology and Modelling
- Animal Developmental and Stem Cell Biology
- The ‘Omics Revolution (Bioinformatics and Functional Genomics)
- Advanced Cell Biology and Imaging
- Genes to Genomes
- Synthetic Biology and Protein Engineering
- Contemporary Topics in Disease
- Cancer: Cellular and Molecular Mechanisms and Therapeutics
- Advanced Musculoskeletal Biology and Tissue Engineering
- Advanced Anatomy
- Advances in Physiology and Pathophysiology
- Neurobiology of Brain Disorders
- Systems Neuroscience

Year Four (Integrated Master’s Degree)
In the final year of the Integrated Master’s Degree you will study two 20-credit modules and complete an advanced research project worth 80-credits.
- Advanced Research Project
- Advanced Research Methods
- Frontiers in Biosciences

Please note that modules may be subject to change. Prior to applying, please check our website for the final module list and accompanying descriptions.

Some module combinations may be restricted by timetabling and space constraints.
The Four Year Integrated Master’s Programme

Our Integrated Master’s degrees in Biological Sciences, Biomedical Sciences, Biochemistry and Neuroscience offer the opportunity to take your studies to the next level and form an excellent basis for a career in scientific research.

This four-year undergraduate course enables you to explore the current frontiers of knowledge in your chosen field, and provides training in advanced research techniques. In the fourth year, you will complete an extended research project in your chosen area.

You may apply for entry to an Integrated Master’s programme through UCAS (see entry requirements, page 46), or you may have the option to switch to a Master’s degree before Year Three, subject to space constraints and academic achievement (an average of more than 60% in Years One and Two).

If you enter on an Integrated Master’s programme, progression to years three and four will depend on satisfactory academic performance (an average of 60% in years one and two), with the option to switch to a BSc degree if required.

Our Integrated Master’s degrees are also available with a Sandwich Year.

BSc Biological Sciences (and MBiol)

Our Biological Sciences course allows the greatest possible flexibility, enabling you to select modules across virtually the whole range of subjects on offer at the School.

You can decide to specialise in a particular area or choose to study a wider range of topics and explore the interdisciplinary research that underpins much of our success.

We offer a large choice of subjects across the biological sciences, which will allow you to develop a wide range of practical laboratory and field skills. Available topics for study include: animal and plant biology; microbiology; genetics; systems biology; ecology; disease; behaviour; neuroscience; zoology; developmental and stem cell biology; and evolution. As part of our Ecology and Conservation module, we also run a range of impressive field courses both within the UK and overseas.

Recent graduates have gone on to careers in research institutes, environmental consultancies, drug companies, zoos and wildlife organisations, the NHS, teaching, and many non-biological careers, such as banking, journalism and management.

Many also choose to further their studies by pursuing a Master’s degree or PhD.

BSc Biological Sciences (Genetics)

Genetics is the investigation of all aspects of inheritance. In recent years, the development of molecular techniques has dramatically increased our knowledge of genome structure and organisation, and revolutionised our understanding of all biological systems and their evolution. Genetics is relevant to every sphere of biological study, including animal, plant, microbial, medical, biotechnological, and ecological investigations.

This degree specialisation requires you to study modules in molecular genetics and genomics, and gives you the opportunity to practise genetic engineering techniques.

A choice of optional modules will enable you to combine your course with other specific areas of biology such as microbiology, cell biology, evolution, conservation biology or behavioural ecology.

If you would like to study BSc Biological Sciences (Genetics), please apply for our BSc Biological Sciences entry degree, after which you can choose the appropriate modules in years two and three to graduate with this degree title.

BSc Biological Sciences (Zoology)

Zoology provides a real insight into the roles of all kinds of animals in their ecosystems. This is vital knowledge if we are to maintain healthy natural environments, control pests and diseases, conserve biodiversity and preserve endangered species.

This degree caters for anyone interested in the broad field of animal biology. It includes the evolution and diversity of the main animal groups, including ecology, physiology and genetics. Optional field courses also form an important part of this degree.

We have particular expertise in behaviour and brain function, and both behaviour and neuroscience form part of this course.

You will receive hands-on training in modern laboratory and field research techniques, and gain practical experience of widely transferable skills in computing, statistics, data analysis and presentation.

Our Biological Sciences (Zoology) graduates enter a broad range of careers, including marine biology, ecology and conservation, research and development, and wildlife management. A significant proportion choose to further their studies with a higher degree, while others use their transferable skills to enter a range of graduate careers.
BSc Biomedical Sciences (and MBiomed)

Biomedical Science is the science that underpins medicine and medical research. Our Biomedical Sciences degree gives you the opportunity to study a wide range of subjects including human physiology; human anatomy; disease processes and their treatment; biochemistry; genetics and microbiology. The curriculum is informed by the extensive range of biomedical research undertaken within the School of Biosciences and at the University Hospital of Wales, giving you the opportunity to be trained in contemporary topics, including cancer biology, stem cells, tissue engineering, gene therapy, and neurodegenerative diseases. In your second and final years, you have the freedom to choose the subjects that interest you most, and you will study these in more depth, with greater emphasis on independent learning. Our Biomedical Sciences degree can lead to a broad range of careers within biomedical science, such as medical research, toxicology, pharmaceutical industries, pathological science, scientific publishing, and teaching. Alternatively you may wish to further your studies with a higher degree, or use your transferable skills to pursue a career in more general areas of industry, commerce, government and public service, administration and management.

As one of the recognised ‘feeder’ degrees for Cardiff University’s Graduate Entry to Medicine programme, our Biomedical Sciences degree also offers a pathway into medicine.

BSc Biomedical Sciences (Anatomy)

Anatomy encompasses the study of all levels of human structural organisation, from the sub-cellular to the population. Traditionally, anatomical study has taken place through observation and dissection, supported by histology and embryology. Recent advances in cell and tissue biology, and developmental biology, have resulted in much greater understanding of the formation and functioning of the body at gross, cellular and molecular levels, and have had great impact on anatomical study.

On this course, human topographical anatomy is taught alongside developmental/cell biology, pathophysiology, neurobiology, stem cell biology and tissue engineering. We are the only university in Wales, and just one of the few in the UK, to combine cutting-edge digital methods with traditional human dissection, providing you with a stimulating and thoroughly up-to-date degree programme, and offering you the rare opportunity to gain hands-on surgical skills.

Student numbers on this course are limited due to constraints in the Anatomy Centre where dissection is taught. If you would like to study BSc Biomedical Sciences (Anatomy), please apply for our BSc Biomedical Sciences entry degree, after which you can choose the appropriate modules in years two and three to gain this degree title.

BSc Biomedical Sciences (Physiology)

Physiology is concerned with how the body works. It considers the various interacting mechanisms that underlie the functional organisation of the human body, and has always been closely allied to Medicine. Although there is constant interaction between clinical research and physiological science, much physiological work is undertaken by scientists rather than clinicians.

On this course, the modules you study in Year Two will provide you with a thorough grounding in Physiology and its relevance to Medicine. Emphasis will be placed on the experimental basis of the subject, and you will become familiar with new technologies and their impact.

In your final year, you will take modules that reflect our expertise in the areas of cell-physiology, neurophysiology and pathophysiology. You will also have the opportunity to lead or participate in small discussion groups to critically review current research findings.

If you would like to study BSc Biomedical Sciences (Physiology), please apply for our BSc Biomedical Sciences entry degree, after which you can choose the appropriate modules in years two and three to gain this degree title.

BSc Neuroscience (and MNeuro)

Neuroscience is the study of nervous systems, from the molecular processes taking place in nerve cells to the functioning of the mind. How the human brain works remains one of the most intriguing of all scientific questions. Can the brain understand the brain? Can it understand the mind? Is the brain a giant computer or something more? On our Neuroscience programme, you will explore these questions and more, using approaches that range from the biochemistry and physiology of the nerve cells to a psychologist’s investigation of the machinery of the mind.

In Year Two, you will study topics in membrane biophysics, pharmacology, anatomy of the human brain, psychological analysis, practical neuro-physiology, cellular signalling and neuroendocrinology. Your final year modules will cover current research on the biology of nervous system disorders, sensory processing and perception, neuronal development and plasticity.

Our Neuroscience graduates have gone on to a range of careers including medical and scientific research, healthcare, scientific publishing, toxicology, and journalism. Many also choose to further their studies by pursuing a master’s degree or PhD.

BSc Biochemistry (and MBiochem)

Biochemistry is the study of the molecular basis of life, and it has a rich history of scientific discoveries, from enzymology and metabolic pathways to the discovery of genes and the structure of DNA. Today the subject embraces important new areas, such as genomics and genome editing, synthetic biology and protein engineering. Through this course, you will learn how biochemistry contributes to advances in all biological disciplines, including genetics, medicine and biotechnology. You will receive extensive hands-on training in laboratory techniques, and gain practical experience of widely transferable skills in computing, statistics, data analysis and presentation.

In your first year, you will gain a grounding in essential subjects including a module in biological chemistry that explores topics at the chemistry/biology interface. Your second year will place greater emphasis on the experimental basis of biochemistry, and you will have the opportunity to use modern research techniques, such as recombinant DNA manipulation and analysis, protein and lipid biochemistry and microbiology. You will also explore more advanced areas of gene function, molecular genetics, protein biochemistry, metabolism, cell biology, development, evolution and cell signalling.

In Year Three, you will investigate areas of current importance in biochemistry, such as synthetic biology and protein structure, genetic engineering, stem cell biology and tissue engineering. Tutorials and research seminars on wider aspects of the subject, including medical and industrial applications, will extend the scope of your learning.

This course provides an excellent foundation for careers within all areas of biological and molecular sciences, and solid training for a research scientist. Many graduates also use their transferable skills to enter a range of non-scientific graduate careers, such as marketing, banking and management.

Other Information

Transferable Skills

All of our degrees enable you to develop your IT skills through the use of databases, spreadsheets, molecular modelling, and other
software. You will also have the opportunity to develop your communication skills through presentations or poster sessions, participation in group discussions and preparation of reports. Some modules will involve group work, allowing you to develop valuable teamwork skills.

All programmes include one or more substantial items of independent learning that involve the production of high-quality reports; this encompasses the final-year project, but could also (in some programmes) include a final-year field course module, or professional training year project.

If you take a Sandwich degree programme, your year in professional training will help you to develop teamwork and presentation skills, enhance your independence and self-confidence and, in many cases, give you the opportunity to practise supervisory skills.

Field Courses
Direct experience of animals, plants and micro-organisms in their natural habitats is an important aspect of modern biology. We run a wide range of courses that provide hands-on experience of modern biological techniques and practical in-field skills. Recent examples include bird-ringing, small mammal trapping, pitfall trapping, microbial analysis and surveying for bats.

Students on the second year Ecology and Conservation module can choose from several specialised, project-based courses that run in a variety of locations throughout the world. Our field courses typically include tropical ecology (Borneo, Malaysia), marine ecology (Caribbean and Malaysia), river ecology (Wales) and woodland ecology (Wales). Please note: availability of individual field courses can be affected by travel constraints or staff availability.

Residential field courses that take place outside of Cardiff incur additional costs, however, these are partially subsidised by the University.

Professional Placement (Four-Year Sandwich Degree Programmes)
All of our degrees can be taken as Sandwich courses in which your third year is spent away from the School gaining relevant first-hand research experience. Your year will usually be spent with a single organisation, and you will carry out your own research project as part of your placement, undertaking all aspects of research, including data acquisition, analysis and presentation.

Our students find placements in a range of organisations, including pharmaceutical and biotech companies, hospital laboratories, research institutes, museums, zoos, wildlife trusts and other environmental organisations - recent examples include GlaxoSmithKline, AstraZeneca, The Francis Crick Institute, Bristol Cancer Research Centre, the Environment Agency, the Royal Botanic Gardens in Kew, the Durrell Wildlife Conservation Trust (Jersey), the European Molecular Biology Laboratory (Hamburg) and the Bimini Shark Lab (Bahamas). Many students choose to undertake placements at universities both inside and outside the UK – recent examples of placement destinations include universities in France, Italy, Germany, Malta, Spain, USA, Australia, New Zealand and South Africa.

Our Placement Co-ordinators will help you to choose and arrange a suitable placement, and we make every effort to ensure that your placement offers practical research experience and training that is appropriate to your degree and career aspirations.

Throughout your placement year, you will continue to receive support from us. Your placement year will be assessed and will count towards your final degree. Some placement students receive a salary while on placement and others may receive a stipend (e.g. Erasmus studentship). If you do not receive a salary you will usually be eligible to apply for a student loan.

The ‘Sandwich’ year is available to all students and is not dependent on you achieving certain grades in years one and two (though we would expect you to be doing well in order to be a competitive applicant for placements). You can also enter the University on a three-year BSc course, then choose to switch to a four-year Sandwich programme in Year Two if you wish.

Finding a placement is a competitive process and success cannot be guaranteed. However, we are usually successful in helping our Sandwich year students to secure relevant and rewarding placement positions.

Preliminary Year (Foundation Level)
This Level 3/4 foundation course leads to a BSc in any of our degree subjects. It is available to students who do not qualify for direct entry into the first year because they lack appropriate A-level subjects, or have experience in a scientific sector, but limited formal qualifications. Students who successfully complete the Preliminary Year proceed automatically to the first year of their chosen degree.

We deliver four core modules in the Preliminary Year: Cells and the Chemistry of Life; Genetics, Evolution and Diversity; Nutrition, Transport and Signalling; and the Way the Body Works. These are studied alongside other core preliminary-level modules in Chemistry and Mathematics. Students also select modules from a range of options including Physics and other science modules, or languages.

Further Information about the School
Methods of Teaching
In the first and second years, formal lectures and laboratory-based classes are supplemented by small-group tutorials and group project work, culminating in group presentations. In the final year, the objectives are to develop areas of current importance within the chosen degree programme. This is achieved through seminar-based sessions, with the opportunity for extensive discussion with specialists in the field. At this level, the practical component is in the form of an extended research project, carried out under the guidance of a member of staff and on a topic linked to our research activities.

Methods of Assessment
Progress and attainment is assessed through a combination of formal end-of-module examinations and continuous assessment of coursework, which may include: written reports of practical/research project work, library projects, workshop assignments, and other appropriate defined work.

Use of Living Organisms in Undergraduate Teaching
Please see page 151.

Research
We have an active and highly productive research culture currently comprising over 150 academic staff, many externally-funded researchers and over 130 postgraduate research students. Our primary areas of research strength are: cancer stem cells, biodiversity and ecology, connective tissue biology, microbiology, genetics, molecular cell biology and neuroscience. Professor Sir Martin Evans FRS, DSc (Nobel Laureate and knighted for his pioneering work in mammalian genetics and stem cell research) is just one of many internationally renowned scientists who has initiated and led our cutting-edge research.
Business

Why choose Business at Cardiff?

We are one of only 13 Business Schools in the UK that are both AACSB Accredited and a member of the Russell Group.

97% of our graduates are in employment and/or further study six months after graduating.*

We are ranked among the world’s top 150 universities for Business, Economics and Accounting and Finance. Source: 2018-2019 Times Higher Education (THE) World University rankings by subject.

Expand your horizons and travel the world as part of your degree.

We are one of only two Business Schools in the UK to be ranked in the top ten in each of the Government’s five research assessment exercises since 1992.

Get work-ready by participating in internships, placements and live business projects.

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours

Accounting BSc* N400
Accounting and Finance BSc* N490
Business Management BSc* N201
Business Management (Human Resources Management) BSc* NN26
Business Management (Marketing) BSc* NN25
Business Management (Logistics and Operations) BSc* N291
Business Management (International Management) BSc* N202
Business Management (with French) N290
Business Management (with German) N1R2
Business Management (with Spanish) N1R4
Business Management with Welsh BSc** NQ26
Economics with a European Language BSc† L160
Economics with a European Language BSc (with French) (with German) (with Spanish) L1R9
Business Economics BSc† L1R2
Business Economics BSc (with French) (with German) (with Spanish) L1R4
Banking and Finance BSc N300
Banking and Finance BSc (with French) (with German) (with Spanish) N3R9
Banking and Finance BSc (with French) (with German) (with Spanish) N3R2
Banking and Finance BSc (with French) (with German) (with Spanish) N3R4
Business Economics BScEcon* L114
Economics BScEcon† L100
Economics and Finance BScEcon† LN13
Joint Honours

Economics and Management Studies BScEcon* LN12
Economics and a Humanities Subject See page 146
Business Studies and Japanese BSc NT12

* This degree is also available with a Professional Placement Year and/or opportunities to study abroad.

** This programme is suitable for those who have studied through the medium of Welsh at A-level or who have an equal standard of Welsh. You are not required to hold an A-level in Welsh.

† Economics (L100), Economics and Finance (LN13) and the three Economics with a European Language options, differ in requiring A-Level Mathematics, Grade B.

Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

A-level: AAB from any combination of not more than three A-levels. For degrees with a European Language one of the A-levels must be in the language that you intend to study as part of your degree programme at Grade B or above. L100 Economics and LN13 Economics and Finance, as well as L160, L1R2, and L1R4 (Economics with a European Language), require A-level Maths at Grade B or above.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

IB: 35 points, including Mathematics and English (Standard level) with scores of 5.

For degrees with a European language one of the IB options must be in the language that you intend to study as part of your degree programme. L100 Economics, LN13 Economics and Finance and the three Economics with a European Language options require Mathematics at 6SL or 5HL.

Other: Applications from those offering alternative equivalent qualifications are welcome, as are those who may have other relevant work/life experience.

All Degrees

GCSE Requirements (or equivalent):

• Maths at Grade B or Grade 6.
• English at Grade C or Grade 4.

See page 153 for information about GCSE equivalencies.

Applications Information

Typical places: 600 Typical applications: 3,500

Find Out More

Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Enquiries:
Tel: (029) 2087 9999
Email: CARBS-enquiries@cardiff.ac.uk
Facebook.com/BusinessCardiff
@Cardiffbusiness

Our investment in study, support and social facilities offers you the very best environment to achieve success.

We’ve transformed the ground floor of our Aberconway Building into a ‘Student High Street’ with a dedicated undergraduate Hub, Student Support Office and Opportunities Zone. These services are your chance to access support, careers and international opportunities alongside your degree, to enhance your student experience.
You can expect the highest standard of teaching, informed by world-class research at Cardiff Business School. But what sets us apart are our values.

We're the world’s first Business School to put social improvement and economic development at the heart of everything we do.

**Doing Things Differently**

We recognise that business and management has a central role to play in tackling some of society’s grand challenges.

But we can't do it alone. That's why we're working with others to ensure our research and engagement helps people access decent work, challenge inequality and overcome poverty, ill-health and corruption.

**What Does This Mean for You?**

We've created a curriculum, underpinned by world-leading research, which encourages you to question the status quo and think differently.

We'll challenge you to consider the social, ethical and sustainable implications of corporate behaviour and practice.

**Will you Rise to the Challenge?**

**Fully-Equipped**

To ensure your experience with us is the best it can be, we've invested in our learning and teaching facilities.

Our undergraduate Hub and Opportunities Zone teams are here for you. They've got you covered on things like student support, finance issues, careers, industry placements and employability initiatives, as well as chances to study abroad during your degree.

We have outstanding facilities across three buildings, including Wales' largest Trading Room.

This fully-equipped simulated space is used on a number of our degree programmes and provides you with the skills, knowledge, and competitive advantage to make your mark on the global financial sector.

**Your Degree**

We offer degrees in Accounting, Business Management and Economics.

Economics students can choose to incorporate other disciplines including Management Studies, Politics, Philosophy and Modern Languages for a wider ranging study experience that crosses disciplinary boundaries (see page 146). The School of Modern Languages also offers Joint Honours degrees with the Business School in Business Studies and Japanese (see page 113).

**Enhancing Your Degree**

Students tell us all the time about how important it’s been for them to get work experience or opportunities abroad alongside their degree. So we’ve made a commitment to support you as best as we can, to realise these ambitions.

For some, this means working at home or abroad with organisations like Deloitte, Microsoft, ASOS, IBM, PwC, Toyota or the Welsh Government.

Others choose to study abroad, seeking adventure at sea, on sand and over snow at partner universities across the globe.

Whatever you choose, there’s sure to be something to suit your interests. It’s your future, own it!

---

**Cardiff Connected**

“After doing a lot of research about universities that offer Economics and Finance, I chose Cardiff for a variety of reasons. As well as being a highly ranked university for my subject, being an international student, it was very important for me to be in a diverse and accepting environment such as the one here in the Business School.”

Dana  BSc Econ Economics and Finance student from Bahrain

**Professional Placement**

All of our degrees can be combined with a placement year, giving you salaried work experience to prepare you for the challenges you’ll face in the contemporary business world and beyond.

Our dedicated, on-site, Careers and Employability Team, provides career consultations, workshop sessions focusing on interview preparation and CV writing, supports graduate events and provides placement and work experience opportunities. It also offers psychometric assessment and broad skills training.

**One Ticket: A World of Opportunities**

We want you to get the most out of your degree. For some students that means experiencing new customs and cultures while they study abroad.

**Degrees with a European Language**

You can combine your degree in Business Management, Banking and Finance or Economics with a European language.

Choose from French, Spanish or German as part of a four-year degree programme where the third year is spent at a university in France, Spain, Germany or Switzerland.

---

“You’ve not really got anything to lose from going on a placement. You can invest six weeks of your life into an internship and what that does is propel you up the graduate job market. So, it’s such a small investment for such a big return and you get to have a bit of fun along the way!”

**Ryan Hale is a BSc Business Management with Integrated Work Placement graduate.**

He won the Best Intern Student at the 2018 National Undergraduate Employability Awards.

“In my third year I went on an exchange year abroad to study at Toulouse Business School in France as part of my degree. Whilst it was challenging adapting to a new living and learning environment, I really enjoyed the experience and came back more confident, having improved my French language ability and having met friends from across the world.”

**Tirion Cullen graduated from our Business Management with a European Language (French) (BSc) programme in 2018.**
Our international outlook means that we’ve built partnerships with universities beyond Europe in places like Hong Kong, Australia and the USA. Every year, a number of students seize these global opportunities and spend part of their degree studying abroad.

**Accounting/Finance**

Our accredited programmes will help you to develop the knowledge, skills and understanding to make your mark in the global accounting arena.

We’re part of The Institute of Chartered Accountants in England and Wales’ Undergraduate Partnership Programme (UPP). Available to students on the Accounting and Accounting and Finance programmes, who satisfy minimum Year One performance requirements, the UPP will give you the opportunity to undertake a one year placement with an accounting firm or equivalent organisation as part of your studies.

Extending your course to a four-year degree, the placement will also count as the first year of the ACA qualification, so you can qualify as a professional accountant in two years, rather than three, following graduation.

All of our accounting programmes also provide exemptions from examinations of all the major UK professional accounting bodies, including:

- The Institute of Chartered Accountants in England and Wales
- The Association of Chartered Certified Accountants
- The Chartered Institute of Management Accountants
- The Chartered Institute of Public Finance and Accountancy.

Many of our staff are leading international experts in their fields of research and a significant number are qualified accountants with years of professional experience.

Under their supervision, the programmes provide you with transferable skills for finance-related careers in commerce, industry or the public sector.

You can expect to study specialised aspects of accounting, finance, commercial law, quantitative analysis and a variety of management, marketing and economics topics during your time with us.

**Business Management**

Develop the knowledge, skills and understanding to become a business management expert.

Choose a general degree in business management, or one of our specialist routes in human resources, marketing, logistics and operations or international management.

The International Management route has been designed to reflect the increasingly global reach of business. Based on your academic performance this specialist route gives you the chance to spend a semester abroad where you will be taught and assessed in English at one of our partner universities worldwide.

Sector-specific guest lectures, mentoring, career coaching and industrial placement opportunities are just some of the benefits in store for you on our specialist route in Logistics and Operations, in partnership with NOVUS Lite.

We’ve joined forces with the Chartered Institute of Marketing (CIM) to give you the opportunity to gain professional qualifications on our specialist route in Marketing. The CIM Graduate Gateway is sought-after by employers and ensures we’re equipping you for a successful marketing career.

If you achieve a 60% average in your first year, and pass all modules at the first sitting, you’re eligible to apply for our BSc Business Management with Integrated Work Placement.

This unique degree gives you the opportunity to undertake a 20-week credit-bearing work placement in the second semester of Year Two. You’ll have the opportunity to explore and evidence the core business management disciplines in a real-life work setting, by:

- Participating in a placement in organisations such as Admiral, Arriva Trains, Deloitte, HSBC, Network Rail and Barclays
- Experiencing local business life
- Getting paid for your work.

In the second and third years you’ll be able to choose from a variety of modules on knowledge management, the management of diversity, small business development, and the management of public services, business ethics, supply chain management and strategic marketing.

Business Management can be studied as a Single or Joint Honours degree programme, see page 53 for listings of programmes.

**Business Management with Welsh**

Graduates who have high-level skills in both Business Management and Welsh are in high demand.

This innovative and modern course is designed to combine the main elements of a Business Management degree with the study of the Welsh language and its culture, preparing students for opportunities within the changing labour market in Wales.

As Cardiff is the political, business and media capital of Wales, studying the programme will enable you to take advantage of the close links that we have with industry.
Economics

Explore economics through the lens of contemporary national and international socio-political challenges.

Economics is an intellectually stimulating discipline and the skills of Economics graduates are in high demand by employers in both the public and private sectors. Graduate destinations typically include a range of management, marketing, banking and accounting professions, as well as work as professional economists.

Whatever career you pursue, you can be sure that transferable skills like problem solving, quantitative techniques and analysis, acquired during your Economics degree, will be welcomed by employers.

You’ll take modules in Micro and Macroeconomics, Quantitative Methods, Aspects of Economics, Accounting, Management and Legal Studies in your first year, before progressing onto modules in various areas of economic theory, in your second and third years.

These compulsory modules are combined with specialist options determined by your chosen degree programme and to suit your own particular interests and career aspirations.

The second year module, Money, Banking and Finance, is a particular favourite and offers you the chance to study in our Trading Room where you’ll gain invaluable experience for careers in finance.

All undergraduates can use the Trading Room in extracurricular activities via the Cardiff University Investment Society (which runs a Live Forum via Facebook). And a weekly Financial Forum is held, which helps to provide you with a better understanding of the ways in which financial markets work.

Economics can be studied as a Single or Joint Honours degree programme, see page 53 listings of programmes.

“This lectures and tutorials were intellectually stimulating with plenty of opportunities to undertake independently structured research projects in many of the module selections. This allowed me to critically apply the ideas from the lectures to real-world scenarios, helping to build my analytical skills as a researcher. It’s a great course that was very rewarding.”

Suraj Nair  BSc Econ Economics graduate

Business Economics

Graduates in Business Economics pursue a variety of career pathways, from work as professional economists to a range of management, marketing, banking and accounting professions.

Specialise in the application of economic theory to business decision making, and develop a sound knowledge of economic principles and their uses and limitations in a business context.

“IT’s a tough course that has challenged me from day one but also keeps me engaged.”

Hussain Mattar  BSc Econ Business Economics student

Over three years, you’ll focus on understanding economic theory relating to the organisational and managerial characteristics of the modern business enterprise.

Banking and Finance

Make your mark on the global financial sector on this specialist degree.

You’ll gain economic knowledge of the operation of the monetary and financial sectors, ideal for pursuing a career in this fast-paced, dynamic industry.

With exemption from certain examinations of the Chartered Institute of Bankers, you’ll be on your way to a successful career in banking, accountancy and finance.

See for yourself!

Come and visit us at one of our offer holder days in February. There’s no need to book because invitations are sent automatically to all applicants who receive an offer to study with us.

You can also come and see us at a University-wide Open Day.

There’s more information on our website at: www.cardiff.ac.uk/opendays
Why choose Chemistry at Cardiff?

All of our undergraduate degree programmes are accredited by the Royal Society of Chemistry.

95% of our graduates are in employment and/or further study six months after graduating.*

84% of our students were satisfied overall.*

Our highly specialised research facilities and equipment enable research in all branches of core and interdisciplinary chemistry.

97% of our submitted research was rated as “internationally excellent” or “world-leading”. *

Our research community has over 50 postdoctoral scientists and 100 postgraduate research students, and is supported by national and international funding bodies.

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours
Chemistry MChem (4 years) F103
Chemistry BSc (3 years) F100
Chemistry with a Year in Industry MChem (4 years) F104
Chemistry with a Placement Year Abroad MChem (4 years) F102
Chemistry with a Year in Industry BSc (4 years) F101
Chemistry with a Preliminary Year BSc (4 years) F105

Accreditation
All our programmes are accredited by the Royal Society of Chemistry.

Typical Entry Requirements
These typical requirements are for guidance. Please check our website for latest information.

A-level: Typical offers would be in the range of AAB-BBB to include a B Grade in Chemistry and pass in the practical element, where applicable.
WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.
IB: 32 points, including a minimum of a 5 in Chemistry at the Higher Level.
Other: Applications from those offering alternative equivalent qualifications are welcome, as are those who may have other relevant work/life experience.
Preliminary Year: Entry for this programme is for those without the usual qualifications in Chemistry, see page 150 for further details.

Specific Subjects
Chemistry and ideally at least one other science or mathematical subject.

GCSE Requirements (or equivalent):
• Maths at Grade C or Grade 4.
• English or Welsh at Grade C or Grade 4.
See page 153 for information about GCSE equivalencies.

Applications Information
Typical places: 150  Typical applications: 450

Find Out More
Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Enquiries: Dr Paul Newman
Tel: (029) 2087 0464
Email: chemistry@cardiff.ac.uk

CardiffSchoolofChemistry  @CU_Chemistry  cardiffchemistry

All of our laboratories have been refurbished to a high standard and provide first-class facilities for the extensive practical and project work. There is a wide array of spectroscopic instrumentation within this successful research School, which is where your final year research project will be undertaken.

CardiffConnected

“I’m a 3rd year Chemistry student at Cardiff University, I’m on the MChem with a Year Abroad programme and have just spent the last 8 months working in a lab in Toulouse in the south of France, where I have been studying peptides that are believed to be closely linked to the cause of Alzheimer’s disease. I have had a fantastic time and I would suggest a year abroad to anyone, it is an incredible opportunity. Next year I will return to Cardiff for my final year to join a new project featuring antibiotic resistant bacteria. I have thoroughly enjoyed my time at Cardiff; it is a brilliant university and a great city for students.”

Megan  MChem Chemistry with a Year Abroad
Combining teaching excellence with cutting-edge research, in conjunction with extensive industrial contacts, our degrees make for a first-class learning experience and a secure start to your career.

Chemistry lies at the heart of modern science and technology, embracing mathematics and physics on one hand and medicine and the life sciences on the other. It also provides a broad education with development of key skills.

**BSc Degree Programmes**

The three-year BSc Chemistry programme offers a broad coverage of the subject suitable for those planning a career in chemistry-related science or chemical education.

The four-year programme, BSc Chemistry with a Year in Industry, is a Sandwich programme, identical in academic content to the respective three-year programme, but including one year (the third) in industry, subject to the availability of suitable placements. All our degree programmes are flexible and you have the opportunity to change between the MChem and BSc programmes up until the end of the second year of the course.

**MChem Degree Programmes**

Our flagship four-year MChem programmes are designed for those intending to pursue a professional career in Chemistry, either in an academic or industrial environment, in general scientific research or in research management. In addition to our MChem Chemistry programme, we offer two further MChem programmes: Chemistry with a Year in Industry and Chemistry with a Placement Year Abroad. In both cases, the third year is spent away from Cardiff, either in the laboratories of a company undertaking research or development, or following a research programme in an overseas university, typically in Europe, Asia, North America or Australia.

For more information see Global Opportunities on page 24. A dynamic range of distance learning modules are provided to enhance academic development and maintain close contact with tutors. These programmes are subject to availability of suitable placements.

**Teaching and Pastoral Care**

Teaching in Cardiff is delivered by staff members who are diverse internationally and in terms of chemistry backgrounds. Areas of speciality include synthetic chemistry, nanotechnology, catalysis and biological chemistry, and are continually updated to reflect the latest scientific breakthroughs.

Research projects allow you to employ skills learnt in the teaching laboratory in a research environment, working under the supervision of one of our experienced staff members. You are trained to use a wide variety of instruments and spectroscopic facilities housed within the School. These can include equipment such as micro reactors, fluoro spectrometers and X-ray photon spectroscopes alongside NMR, IR and MS, which constitute the solid basis upon which chemical analyses are formed.

Teaching methods include hour-long lectures (about 10 each week) and practical classes (10-12 hours each week), supplemented by problem solving ‘workshops’ and a programme of regular small-group tutorials throughout each year. All our staff are approachable, and with an excellent student-staff ratio we are willing to help you with any academic difficulty. In addition, you will have a Personal Tutor who can advise on any academic or personal problem.

**Structure of our Degree Programmes**

In the first year, three-quarters of your time is spent on compulsory modules covering the breadth of the subject. In the remaining time, you may choose optional topics from a range which currently includes environmental chemistry, chemistry of the cosmos, forensic chemistry, new materials, energy sources, and a choice of language modules. Students without a suitable grade in A-level Mathematics must also take a module in mathematical methods.

The later years of all programmes include core topics across the entire range of chemistry, for example, sustainability, advanced materials and drug design. These give you a thorough appreciation of the nature of interdisciplinary chemistry.

The MChem programmes share common core components with the BSc in Chemistry during the first two years, and continuation on them is dependent on excellent performance. The teaching arrangements vary among the three MChem programmes, but all include training in research methods, a personal research project, advanced laboratory experience, and a choice of topics taught to the frontier of the subject.

**Experience Away from Cardiff**

A Year in Industry is offered in the MChem and the BSc routes. In the MChem with a Year in Industry, a substantial amount of academic work is undertaken by distance learning, as well as the work tasks assigned by the industrial host, and the entire year is assessed as part of the degree.

**Assessment**

Assessment is by written examinations held at the end of each semester and by regular assessment of practical and other coursework. The final degree class is awarded on work undertaken throughout the course (apart from the first year), including practical and project work, as well as the written papers at the end of each semester. Apart from the formal assessments contributing to the degree classes, you will receive regular informal feedback to help identify and rectify individual needs and ensure a steady development.

**Careers**

The range of careers open to chemists is extensive and our graduates have been successful in obtaining positions in industrial research, development or production, or in academic or government establishments. Some use chemical analysis in environmental or clinical areas, or in quality control throughout the manufacturing industry. Others use the logical and practical training of a chemistry degree to enter the marketing, sales or management aspects of industry, as well as scientific journalism or publishing. Some have moved into the finance and legal professions as well as teaching.
Why choose Computer Science and Informatics at Cardiff?

We work alongside the BCS, Chartered Institute for IT to ensure that our degrees are relevant to the latest demands in industry.

**93%**
of our graduates are in employment and/or further study six months after graduating.*

You will gain experience of your subject in a new environment and culture by opting to take a Year Studying Abroad.

We collaborate with more than **220 UK Academic and Industrial** partners.

Studying a **Year in Industry** allows you to apply the **skills** and **understanding** gained from your course in the workplace, enhancing your employability.

Our learning resources are consistently praised by our students; **93%** agree they can access specialised equipment, rooms and facilities when needed.*

---

*See page 40 for details of statistical sources.
**Degree Programmes/UCAS Codes**

**Single Honours**
- Applied Software Engineering BSc (3 years) 4JVD
- Computer Science BSc (3 years) G400
- Computer Science with a Year in Industry BSc (4 years) G401
- Computer Science with a Year of Study Abroad BSc (4 years) 126V
- Computer Science with High Performance Computing BSc (3 years) GLGK
- Computer Science with High Performance Computing with a Year in Industry BSc (4 years) GKGL
- Computer Science with High Performance Computing with a Year of Study Abroad BSc (4 years) 211V
- Computer Science with Security and Forensics BSc (3 years) G4F4
- Computer Science with Security and Forensics with a Year in Industry BSc (4 years) GKF4
- Computer Science with Security and Forensics with a Year of Study Abroad BSc (4 years) 125V
- Computer Science MSci (4 years) G404
- Computer Science with a Year in Industry MSci (5 years) G402
- Computer Science with a Year of Study Abroad MSci (5 years) G403

**Typical Entry Requirements**

These typical requirements are for guidance. Please check our website for latest information.

**A-level**: AAB-ABB for Computer Science MSci; ABB-BBB for all other programmes. General Studies and Critical Thinking are not accepted for entry. Computer Science with Visual Computing, Computer Science MSci and all with a Year of Study Abroad options require A-level Mathematics.

**WBA**: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects. **IB**: 32-34 points for Computer Science MSci; 30-32 points for all programmes. A 5/6 in Higher Level Mathematics is required for Computer Science with Visual Computing, Computer Science MSci and all with a Year of Study Abroad options.

**Other**: Applications from those offering alternative equivalent qualifications are welcome, as are those who may have other relevant work/life experience.

**All Degrees**

**GCSE Requirements** (or equivalent):
- Maths at Grade B or Grade 5/6 for Computer Science degrees.
- Maths at Grade C or Grade 4 for Applied Software Engineering degree.
- English Language at Grade C or grade 4.

See page 153 for information about GCSE equivalencies.

**Applications Information**

Typical places: 215  Typical applications: 1,200

**Find Out More**

Web: [www.cardiff.ac.uk/courses](http://www.cardiff.ac.uk/courses)
Download the School Brochure: [www.cardiff.ac.uk/pubs/ug](http://www.cardiff.ac.uk/pubs/ug)
Admissions Tutor: Dr James Osborne
Tel: (029) 2087 4767
Email: comsc-ug@cardiff.ac.uk

Facebook.com/CompScienceCU
@CompScienceCU
@CUSoftAcademy

Individual and group project work can involve writing applications on a variety of platforms and operating systems

**Careers**

We have strong links with many large names in industry, providing you with excellent opportunities to take advantage of employer visits, talks and workshops. You can also further enhance your CV and boost your employment prospects by choosing your degree with a salaried Year in Industry, or you could opt to undertake a summer placement with support from the School.

Some graduates have chosen further study or research at Cardiff or other top universities.

**Employers**
- Admiral, BAE Systems, BT, the Civil Service, Confused.com, Deloitte, EADS, Fujitsu, GCHQ, General Dynamics UK, IBM, the MoD, Red Hat, Thomson Reuters.

“Being a Computer Science student has given me the opportunity to engage in not only course related activities but other schemes, such as the STEM Ambassador scheme. As a STEM Ambassador I am able to share my knowledge with children and young people and represent Computer Science and Informatics at Open Days and offer holder days.”

**Emily**  BSc Computer Science
The dynamic fields of Computer Science and Informatics underpin many aspects of modern life.

Our multidisciplinary research shapes our degree programmes, making them relevant to today’s employers and well placed to take advantage of tomorrow’s developments. Our teaching is of the highest standard and we believe professional accreditation is important. BCS, the Chartered Institute for IT, regularly reviews our Computer Science degree programmes.

**BSc Computer Science**

Involving a mixture of both theoretical and practical aspects, this degree programme equips you with the expertise to analyse problems and programme computer-based solutions. You will gain the transferable technical, analytical and professional skills that employers require.

**Year One** is broad-based, introducing you to the essential computing skills and concepts that form the basis of your degree. These include problem solving using fundamental algorithms in the Python and Java™ programming languages, an understanding of internet computing and systems modelling.

**Year Two** modules will expand your understanding, skills and experience by introducing more advanced topics. The structure and processing of data are explored, and you take part in a group project tackling real-world problems in the areas of system development and implementation.

**Year Three** focuses on advanced topics, such as image processing and multimedia or large scale databases, as well as information systems management. You will also complete an individual project under the supervision of a member of our academic staff.

**Focus Your Degree**

We offer themed versions of the BSc Computer Science degree programme in the following areas:

**High Performance Computing** – focuses on parallel and distributed computer systems and the techniques required to use them efficiently. It offers an appreciation of this increasingly important field of computing associated with computational science, cluster and cloud-based computing, data warehousing and large-scale transaction processing.

**Security and Forensics** – provides you with a firm understanding of the principles, tools and technologies needed to ensure that an organisation’s investment in Information and Communications Technology meets its needs in a secure manner.

**Visual Computing** – study how computers can obtain, process, represent and understand visual data, such as images, video and 3D representations. In addition, you will develop in-depth skills in areas such as graphics, image processing and visualisation, as well as the fundamentals of computer science.

**Year in Industry**

Selecting this popular option allows you to take a year-long work placement within a relevant company in a salaried post between taught years Two and Three.

Whilst students are responsible for finding their own placements, we have a dedicated Placement Officer who is able to work with you to ensure you have access to a broad range of opportunities.

The valuable skills and experience gained during your placement are highly favoured and in-demand from potential employers, with some students being offered a permanent role on successful completion of their degree.

**Year of Study Abroad**

Our Year Abroad programme will take you to one of our approved universities across the world to study Computer Science, or similar, between taught years Two and Three.

Spending one year studying abroad will give you the opportunity to gain experience of your subject in a new environment and culture, and to learn how to live independently outside the UK. You will also have the chance to study modules that are not available in Cardiff.

You will be able to choose from a subset of the universities with which Cardiff University has a student exchange agreement.

**MSci Computer Science**

This four-year course provides extensive coverage of the subject beyond a traditional three year BSc. During the fourth year of study you will take modules of advanced computer science and carry out a new level 7 team project, leading to the qualification of Master of Computer Science (MSc).

**Year One** modules will introduce fundamental computing skills and concepts that form the basis of your degree. This includes the programming of algorithms using languages such as Python and Java™, an understanding of Internet and web technologies, computer architecture and operating systems, software engineering principles and mathematics for computer science.

**Year Two** modules allow you to begin to specialise your skills, focusing on either a ‘theoretical computer science’ pathway, an ‘applied/data analysis’ pathway or a ‘systems’ pathway.

**Year Three** will focus on emerging technologies and advanced topics in computer science. The pathways chosen during year two will be continued and enhanced according to your specific interests, alongside a choice of additional research informed optional modules.

**Year Four** as well as taking part in a compulsory team project under the supervision of a member of academic staff, you will choose from a range of carefully selected research-informed modules focusing on contemporary and relevant topics currently emerging within the discipline.
Why choose Dentistry at Cardiff?

**Top 5** for Dentistry in the UK.
Source: Complete University Guide 2019.

* 95% of our students were satisfied overall.*

**A full NHS bursary**, including tuition fees and a non-repayable bursary for living costs, is available for BSc Dental Therapy and Hygiene students and DipHE Dental Hygiene students.

**94%** of our students agreed that staff were good at explaining things.*

We have one of the **strongest** BDS employability records among our competitor dental schools in the UK – in 2017, **100%** of our BDS students secured a Dental Foundation Training Placement.

**100%** of our submitted research rated at least of international standard with **94%** classed as “internationally excellent” or “world-leading”.*

*See page 40 for details of statistical sources.*
Degree Programmes/UCAS Codes

Dentistry (BDS)  (5 years) A200  (6 years) A204
Dental Hygiene (Diploma)  (2 years) B750
Dental Therapy and Dental Hygiene (BSc)  (3 years) B752

Accreditation
Our degree and diploma programmes are validated by the General Dental Council.

Open Days
Cardiff University organise four Undergraduate Open Days every year. You will have the opportunity to visit the Dental Hospital during weekday open days. During your visit you will be taken on a tour of the clinical and teaching facilities and attend presentations. You will also be able to meet current students and staff. Please Note: Dental School visits/tours are not possible during the Saturday Open Days owing to NHS Health and Safety Regulations, however, you can book a tour on the Friday before each Saturday Open Day. Further information is available on our website at: www.cardiff.ac.uk/dentistry

A unique Dental Library can be found within the Dental School that houses an extensive collection of books and journals to aid your learning. You will also have access to an undergraduate IT suite and to a new £1.5m redevelopment of lecture theatres and student social spaces.

Typical Entry Requirements
These typical requirements are for guidance. Please check our website for latest information.

Bachelor of Dental Surgery (BDS)
GCSE/IGCSE: Please see our website.
A-level: 5 Year Programme (A200): Grades AAA including Chemistry and Biology.
6 Year Programme (A204): Grades AAA including no more than one of Chemistry or Biology. General Studies and Critical Thinking are not accepted on A200 or A204.
WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.
IB: 5 Year Programme (A200): 36 points with a minimum score of 6 at Higher Level in Chemistry and Biology.
6 Year Programme (A204): 36 points with a minimum score of 6 at Higher Level in one of Chemistry or Biology.
UCAT: Applicants for the BDS programme are required to take the UCAT aptitude test before they apply: www.ucat.ac.uk

Dental Therapy and Hygiene (BSc)
At least five GCSEs/IGCSEs with minimum acceptable Grade being Grade C/Grade 4. The GCSEs must include GCSE/IGCSE English Language/Welsh (First) Language at Grade B/Grade 6 or above.
All applicants must also have one of the following:
Minimum of three A-levels at Grade B or above including one in Biology or Human Biology or
A recognised Dental Nurse qualification at Level 3 PASS plus two A-levels with one in Biology or Human Biology at a minimum of Grade B.
General Studies and Critical Thinking are not considered suitable A-levels.
International students are not eligible to apply for this course.

Dental Hygiene (Diploma)
At least five GCSEs/IGCSEs with minimum acceptable Grade being Grade C/Grade 4. The GCSEs must include GCSE/IGCSE English Language/Welsh (First) Language at Grade B/Grade 6 or above.
All applicants must also have one of the following:
Minimum of two A-levels at Grade C or above including one in Biology or Human Biology or
A recognised Dental Nurse qualification at Level 3 PASS plus one A-level in Biology or Human Biology at a minimum of Grade C.
General Studies and Critical Thinking are not considered suitable A-levels.
International students are not eligible to apply for this course.

Applications Information

<table>
<thead>
<tr>
<th>Course</th>
<th>Typical places</th>
<th>Typical applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDS</td>
<td>74</td>
<td>700</td>
</tr>
<tr>
<td>Hygiene and Therapy</td>
<td>31</td>
<td>550</td>
</tr>
</tbody>
</table>

Find Out More

Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Enquiries
Tel: (029) 2074 6917/2468
Email: DentalUGAdmissions@cardiff.ac.uk

@CardiffDental
Our programmes aim to educate you to practise as a dental healthcare professional in a training environment appropriate to your professional aspirations. We will teach you to combine and use knowledge, skills and judgement and to develop appropriate attitudes, so that you can deliver a high standard of care in the dental profession.

The School is located in the University Dental Hospital where the majority of clinical teaching takes place. As the only Dental Hospital in Wales, you will have the opportunity to serve a population of great diversity, and contribute to their overall health.

Selection Policy
We are seeking to admit students from all backgrounds who can demonstrate the following qualities:
- Evidence of, and potential for, high academic achievement
- An understanding of the demands of dental training and practice
- A caring and committed attitude towards people
- Excellent communication skills
- A willingness to accept responsibility
- Evidence of a broad social, cultural or sporting interest.

Along with your UCAS application, the selection policy involves making a judgement about your ability to meet the qualities listed above. If you meet the interview threshold, your suitability for the profession will be assessed via Multi Mini Interviews (MMIs).

Dentistry BDS: The Degree
With around 70 students per year, we are still a relatively small dental school. We believe that this helps facilitate a friendly and supportive sense of community that helps ensure that our students succeed.

Teaching
Teaching is integrated, so you will learn the scientific and pathological processes underlying oral and dental disease at the same time as you acquire the skills to manage patients appropriately. We use a variety of methods to enrich your learning experience. These include lectures, small group seminars and tutorials, individual teaching on clinics and e-learning. You are supported with immediate chair-side feedback on clinic through Develop via the iPad.

Project work allows you to work in groups or individually and you will be encouraged to research topics and present work to your peers.

Programme Structure
During Year One, you will spend much of your time in the School of Biosciences. Here you will study anatomy on a cadaver, learn about the human body as well as disease of the teeth and the supporting tissues. You will spend most Fridays in the School of Dentistry, where you will be introduced to clinical dentistry.

You will experience our state-of-the-art £2.2M Clinical Simulation Suite where you can develop your practical skills.

As you progress, you will learn more advanced practical skills in patient management, the importance of whole patient care, and their long-term management – just as if you were a qualified dental surgeon.

In Year Two onwards, you will be based in the School of Dentistry. Initially in Years Two and Three, you will develop your clinical skills and knowledge through a variety of lectures, seminars and simulated clinical activities. Under close supervision you will see your first patient in Year Two and, from then on, have patients allocated to you to manage and treat. You will need to understand the basics of disease, including those that affect the oro-facial region, their management and prevention, along with the diagnostic tools required for clinical practice. Fundamental to clinical practice is the requirement to work professionally and ethically and to be able to communicate effectively to patients and staff, skills that are explored in detail through innovative and exciting interactive sessions.

In Years Four and Five, the emphasis is on developing clinical skills in a variety of clinical environments, including the University Dental Hospital, community dental clinics, district general hospitals and dedicated outreach teaching facilities in and around Cardiff. A deeper understanding of the treatment planning process, the management options, including preventive orientated patient care, are developed giving you a broad based education to prepare you for your exciting career.

Placements
As you become more experienced in your fourth and fifth years, you will spend time away from the Dental School in primary
care settings, for around five weeks. These placements give you the opportunity to observe and treat a range of patients. In addition, we have two dedicated outreach centres, one located in the city centre and one in the Cynon Valley, where you will manage your own patients in a primary care setting regularly over the last two years of your course.

Your Career
Once you have qualified as a dentist there are a number of different careers open to you. The majority of students undergo a period of Foundation Training for one year.

Dental Hygiene and Dental Hygiene and Therapy Programmes
We offer two closely allied programmes: a Diploma in Dental Hygiene (Two-year programme) and a BSc in Dental Hygiene and Therapy (Three-year programme), both of which are modular, running in parallel for their first two years.

Our aim is to educate you to become practising Dental Hygienists and Dental Therapists, eligible for unsupervised clinical practice (under the prescription of a dentist) and potential for direct access following current GDC guidelines.

You must possess a high-level of manual dexterity and demonstrate attention to detail. Excellent verbal and written communication skills and the ability to work as a team are critical. You must also have a genuine interest in the empathetic care and treatment of patients.

Teaching
You will be taught by a dedicated team of dental, hygiene and therapy staff with further interactions under the supervision of consultants and primary care supervisors. From the third term of Year One, you will have contact with your own patient list.

Programme Structure
The modular courses make integrated use of lecture-style teaching, interactive seminars, clinical simulation and clinical practice.

Year One (Common to both) Your time is spent learning biomedical sciences, human disease subjects and oral disease and its prevention.

An introductory module to clinical practice takes place in term two, with its aim of preparing you for your first patient contact in term three.

Year Two (Common to both) Subjects include dental radiology, oral medicine, and dental public health, taught before the focus turns to periodontology (gum disease) and its prevention. During this year you will also be managing your own patients under supervision.

Year Three (Therapy only) Emphasis continues with both paediatric and adult clinical practice, as well as a year-end research project.

Years Two and Three offer opportunities for you to attend clinical placements at local ‘outreach’ dental clinics, providing treatment to the dental public in situations closely allied to the general practice arena. In some of these areas you will work alongside dental students in a teamwork approach to patient care.

Throughout the programmes, the teaching and implementation of professionalism is critical.

You will be taught aspects of law and ethics in dentistry, as well as the practicalities of dental treatments, and to recognise the importance and necessity of your lifelong and professional development. Your opportunity to engage and motivate patients and provide contemporary clinical treatments make Dental Hygiene and Therapy a stimulating career.

Your Career
Our students have one of the best employability records amongst the UK dental schools, in 2016/17, 100% of our undergraduate students were in employment or further study, six months post qualification. Source: Unistats Destinations of Leavers from HE record.

On qualification, clinicians register with the General Dental Council and are able to work in various areas of the dental sector: general dental practice; community dental clinics; teaching hospitals and dental schools as well as opportunities in the armed forces.
Earth and Ocean Sciences

Why choose Earth and Ocean Sciences at Cardiff?

With a staff of more than 40 academics, you receive the highest quality teaching, delivered by lecturers at the cutting-edge of international research.

92% of our graduates are in employment and/or further study six months after graduating.*

We own a research vessel, Guiding Light, which is used for teaching field work in coastal mapping and hydrographic surveying. It is based in Cardiff, but also deploys to Swansea and Milford Haven.

99% of our submitted research rated as international standard, with 84% classed as “internationally excellent” or “world-leading”.*

89% of our students were satisfied overall.*

We are located within the University’s Main Building, with its recently refurbished teaching facilities.

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours

Environmental Geoscience BSc
(3 years) F642
(4 years) (Professional Placement Year) F644

Environmental Geoscience MSci
(4 years) F645

Environmental Geography BSc
(3 years) K32H

Environmental Geography MSci
(4 years) Y32M

Exploration and Resource Geology BSc
(3 years) F621
(4 years) (Professional Placement Year) F622

Exploration and Resource Geology MSci
(4 years) F623

Geology BSc (3 years) F600

Geology MSci (4 years) F601

Marine Geography BSc
(3 years) F841
(4 years) (Professional Placement Year) F842

Marine Geography MSci
(4 years) 1D79

Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

A-level: BSc: BBB
MESci: ABB

All programmes: At least two A-levels should be a science (Geography, Geology, Biology, Chemistry, Physics, Maths, Environmental Studies, Applied Science, Archaeology, ICT, Computing, Sports Science, PE and Psychology). If your A-level Biology, Chemistry or Physics includes a practical element, we require a pass grade in that component.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

IB: BSc: 30 points
MESci: 32 points

All programmes: At least two Sciences at Higher Level.

Other: Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience.

All Degrees

GCSE Requirements (or equivalent):
- Maths at Grade B or Grade 5.
- English Language at Grade C or Grade 4.
See page 153 for information about GCSE equivalencies.

Find Out More

Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Enquiries:
Dr Rupert Perkins
Tel: (029) 2087 5026
Email: earth-ug@cardiff.ac.uk
Email: @CU_Earth

Careers

Job roles
Engineering geologist, environmental consultant, hydrogeologist, geotechnical engineer, exploration geologist, hydrographic surveyor and scientific diver.

Employers
Local councils, government agencies such as the British Geological Survey and the Environment Agency, as well as companies such as Gardline Geosurvey, Anglo American, Geolog International, Sirius Resources and ExCAL.

Our building houses the Science Library, and is adjacent to the National Museum, with its superb geological collections. You will also have access to two computing laboratories with 100 PC workstations and digital projection facilities. Here you will receive IT training on an extensive range of geological and geographical software and be able to work on projects in your own time.

CardiffConnected

“Studying Exploration and Resource Geology at Cardiff University was a fantastic experience. The staff are deeply knowledgeable and passionate about their subjects, and it was a pleasure to learn in such a stimulating environment. On top of an excellent education they were also able to provide me with industry links that kick-started my career. Cardiff itself is a great city in a top location: geology provides many opportunities to travel, but it’s always nice to have beaches and mountains on your doorstep too.”

Charlie Exploration and Resource Geology
Typical subjects include:

- **Planet Earth**: The solid Earth, plate tectonics, geodynamics
- **Earth Surface Processes**: The surface of the Earth, weather, climate, water and the role of oceans in climate change, landscape, the biosphere and the sedimentary system
- **Dangerous Earth**: Climatic and geological hazards from a human perspective, managing the social impact of hazards
- **Geographical Information Systems (GIS)**: Using digital technology to map spatial data, produce posters and presentations
- **History of Life**: Ecological systems and principles, diversity, evolution and the fossil record
- **Georesources and Energy**: Exploration, exploitation and production economics of resources, the world’s energy and trade
- **Earth Materials**: Formation and description of the main rock types, igneous, metamorphic and sedimentary
- **Geological Maps and Structures**: Geological maps – theoretical and real, structures and spatial data
- **Chemistry of the Environment**: Chemistry of the Earth’s surface and waters
- **Biological Environments**: Marine and terrestrial ecosystems
- **Geographical Data Analysis**: Statistics and techniques needed to explain data
- **Science and Policy for Geographers**: The evidence needed for policy makers, legislation and regulation
- **Fundamentals of Environmental Geography**: Geomorphology, climate change, biodiversity and the human impact on all three
- **Exploring the Oceans**: Marine maps, charts and surveying.

During the first semester you may decide to transfer to one of our other degree programmes within the School. Provided you are adequately qualified and there is room, you will be able to change your programme.

**Years Two and Three**

The degrees diverge after the first year to provide the core material for your chosen programme. A different set of modules is compulsory for each programme in Year Two. In Year Three (and Four where appropriate) options exist in all programmes so that you can pursue in more detail, topics and projects in your main areas of interest.

Environmental Geoscience

Earth scientists are much sought after in the environmental professions because of their global view of natural processes. You learn how planet Earth works, about the interactions between geology and the environment through aspects of hydrology, geochemistry, geological structure and processes. You gain skills in landscape assessment, geoenvironmental hazards and remediation, engineering geology and geological mapping.

In the second year, you are trained to participate in an individual or team Environmental Geoscience degree project which will take place either during the summer vacation or the third year. The training will include aspects of mapping and a field course that will allow you to build on the background that you have obtained in second year modules. Your degree project then includes a small mapping component, following which you may choose to specialise in a particular area such as water quality, coastal erosion, soil pollution or geoeconomy.
In the third year, you complete your project, presenting a professional report and giving a seminar. You will study Engineering Geology, Geohazards and Environmental Case Studies, as well as a variety of optional topics of your choice such as groundwater science, environmental management and policy, evolutionary geocology or geomorphology.

**Environmental Geography**

Environmental Geography integrates landscape, environmental chemistry, biology, climate studies and the human impact on the environment to generate a holistic overview of the processes operating at the Earth’s surface. You gain skills in environmental quality management, landscape process and management, ecosystems, conservation, field data collection and analysis. In Year Two, a wide range of essential skills are taught which lead coherently to the Year Three dissertation project. Skills such as Geographical Information Systems (GIS), data analysis, biogeochemistry and various forms of map work, also contribute to the employability status of graduates on this programme. The programme provides flexibility of study in Year Three, allowing specialisation through a diversity of modules according to individual interests.

In addition to local fieldwork in South Wales, this programme currently includes residential trips to Snowdonia National Park, where we explore the impacts of past glaciations on the environment, the Swiss Alps to visit a modern glaciated landscape, and the south of France where we investigate hydrology and river systems.

**Marine Geography**

The ocean is arguably the last major frontier on Earth for the exploration and development of resources to sustain humankind. The Marine Geography degree focuses upon the uses and industries associated with the oceans and coastal zones, from a scientific basis. It draws on the traditional skills of the geographer to observe, measure, map and analyse the significance of a wide range of physical and human variables. It also builds a knowledge and skills base, which takes into account the scale and dynamic nature of the sea and the challenges of sustainable development. Coastal and offshore fieldwork are an important feature of the degree programme.

In the second and third years, you study a selection of physical and applied geography topics with an applied focus. These currently include: marine and coastal resource systems, marine ecosystems, and also coastal processes leading into integrated coastal management. You may also specialise in ocean/atmosphere system science and have an opportunity to gain advanced skills in GIS.

During the second year, you will also learn skills in environmental data analysis and acquire fieldwork and offshore skills during residential courses in a range of coastal and island European locations, allowing you to undertake a third year dissertation project of your choice.

These skills also prepare you for the optional Year with a Professional Placement, which is organised by the teaching team.

**Exploration and Resource Geology**

To meet the growing world need for minerals, exploration geologists are in great demand to assist in the exploration for natural resources. This degree provides you with a firm grounding in applied geology, with the exploration, evaluation and extraction of the Earth’s natural resources as the core area of study.

You will gain an understanding of geological processes within the Earth that lead to the formation of natural resources, and training in the specialist skills of a professional exploration geologist. You are trained in information technology techniques used in the modern geological exploration industry.

A significant proportion of your modular coursework is based on practical classes and projects.

In your second summer, you are encouraged to undertake an industrial placement.
with an exploration company in the UK or overseas (please see page 24). Alternatively, you can complete an exploration project or geological mapping topic under our academic supervision.

You can choose to study specialist options in e.g. isotopes, volcanological processes, sedimentology and structural geology. You can also study other applied geological topics such as applied mineralogy, geohazards and engineering geology.

**BSc with a Professional Placement**

An optional one-year Professional Placement programme is available for some of our BSc degrees, giving you the opportunity to gain in-depth experience in a range of industries. You are supervised by staff, while enjoying the experience and career enhancement that a placement year allows.

Marine Geography placements in the past have been within such diverse employment opportunities as port operation, environmental management and hydrographic surveying, as well as in laboratories and government agencies concerned with the development and management of the wider environment.

More geologically inclined students have found other appropriate positions in areas such as conservation, mining companies and environmental consultancies.

You should be aware that although we will endeavour to find placements for all students who want one, we are not able to guarantee placements. In the event a placement is not available, students will be transferred to the non-placement BSc programme.

**Master in Earth Sciences – MESci**

These four-year undergraduate MESci programmes are designed for high quality candidates who aim to pursue a research career in any aspect of earth sciences in academia, government or industry.

They involve learning about the process and outcomes of research and enable you to specialise in areas of your choice. During the first two years, you will study modules in common with students enrolled for the related BSc programmes, but with small group teaching of up to six students provided through a research tutorial. These enable you to explore your long-term research interests and provide more extensive opportunities than the three-year programmes.

In the final two years, you will concentrate on core topics in your subject stream, as well as modules giving skills in science and research in a field of your choice.

In Year Four specialist research - informed modules are student-led and cover Numerical Modelling in the Earth and ocean sciences and either how planet Earth was built or the science and impact of climate change, depending upon whether you are more interested in the geological or geographical aspects of the subject.

The major element in the fourth year is a research project that will enable you to master and demonstrate the skills you will need in your subsequent career, and is an opportunity to pursue a particular topic to the highest level possible as an undergraduate.

**Employment**

Our graduates in Marine Geography have entered the full range of marine industries, government service and research careers. The Exploration degree equips you for a wide range of potential future careers, ranging from field-based mineral or petroleum geologists in remote parts of the world, to an office-based career analysing raw geological data, using computer based techniques. Geological and Environmental graduates have similarly found employment with consultancies or government agencies, while one in four of our students go on to further study. MESci students are particularly suited to PhD or other research positions.
Engineering

Why choose Engineering at Cardiff?

**Ranked #1**
Our research in Civil Engineering was ranked first in the UK for quality. (REF 2014)

We offer a wide range of degree courses to enhance your engineering skills, including opportunities to **study abroad** or to spend a **paid year working in industry**.

**92%**
of our graduates are in employment and/or further study six months after graduating.*

We have been awarded the **Ambassadors Award** for the UK for our contribution to the promotion of women in Science and Engineering, and an **Athena Swan Bronze Award**.

**97%**
of our submitted research rated at least of international standard with **92%** classed as “internationally excellent” or “world-leading”.*

All our degree programmes are accredited by the appropriate professional institutions.

*See page 40 for details of statistical sources.
Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

**A-level:** **BEng:** AAB - BBB, **MEng:** AAA-ABB. Must include Mathematics at A-level.

**WBA:** The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

**IB:** 666-655 at Higher Level including Mathematics.

**BTEC:** DDD plus A-Level Mathematics at Grade A or B.

**Other:** Applications from those offering alternative equivalent qualifications are welcome, as are those who may have other relevant work/life experience.

**Specific Subjects**

A-level Mathematics (or equivalent). Also Grade C/Grade 4 or higher in GCSE Mathematics and English (or equivalent). Applicants to the ‘Year in France/Germany/Spain’ programmes are also required to have Grade C/Grade 4 or higher at GCSE in the appropriate language (or an equivalent qualification).

See page 153 for information about GCSE equivalencies.

**Foundation Year**

If you have good grades in Mathematics at GCSE, but not A-level Mathematics (or equivalent) then the Foundation Year may be right for you. This is designed to prepare you for any of the Engineering Degree Programmes. If you wish to apply for the Foundation Year, enter H101 in the choices section of your UCAS application, plus the code for the degree programme you wish to follow after the Foundation Year. This is an integrated degree programme (Foundation Year plus chosen degree programme).
The School of Engineering covers all of the main engineering disciplines and many of our staff are recognised international experts in their particular fields, ensuring that our teaching remains up-to-date, as engineering technology changes rapidly.

Although the School is large, with approximately 1,600 undergraduate students, we believe that you are important. Our personal tutoring programme helps to ensure that your education progresses smoothly and that any academic or personal problems are addressed swiftly. We aim to create an atmosphere in which you will be happy and in which you will be able to fulfil your potential.

There is an essential unity in engineering which requires a broad appreciation of basic engineering principles. In the first year, there is common ground between many of our engineering degree programmes, which provides flexibility if you wish to revise your choice of programme.

Types of Degree Programme

**MEng**
An advanced four-year engineering degree programme, structured so that the first two years are the same as the relevant BEng programme, while the last two years provide greater breadth and depth of knowledge in your chosen engineering subject, including further management related disciplines.

**BEng**
The traditional three-year route of studying engineering, providing a good, fundamental education in your particular discipline. Many very able students, even when eligible for the MEng programme, still opt to study this degree to suit their particular career paths.

**BEng/MEng Year in Industry**
This programme enhances a BEng or an MEng degree with an extra year on industrial placement. The first two years are spent in University and the third year is spent in industry, where you receive supervised training. You return to University for a further year (BEng programmes) or two years (MEng programmes) to complete your academic study. We have a formal partnership with the City and Guilds of London Institute which enables our students to achieve the Senior Award of Licentiateship after successfully completing their Sandwich placements - a professional qualification which rewards work related competence and expertise, widely recognised by employers. Holders are entitled to use the letters LCGI after their names.

**MEng Year in Europe**
Structured in a similar way to the Year in Industry programmes, during the first three years, language modules are incorporated into your programme. Your fourth year is then spent at a collaborating academic institution in France, Germany or Spain, before returning to Cardiff to complete your studies.

**MEng International**
This programme gives you the opportunity to gain international experience which is more and more valued by employers. It is a four year degree programme which involves spending a semester abroad in the third year, studying modules which are equivalent to those available at home. These modules will be credited to your MEng degree to replace the home semester. There are a wide range of international universities to choose from if you decide to take this option.

**Industrial Links**
Being at the forefront of engineering research, we have strong links with industry. We are scrutinised by a panel of top industrialists who review our activities and advise on future plans. In addition, numerous links have been developed with companies, both in the UK and overseas, through our Year in Industry programmes and through research and consultancy work carried out by staff.

**Careers**

**Job roles**
Civil engineer, electrical engineer, mechanical engineer, project manager and technology analyst.

**Employers**
Halcrow, Atkins, BP, BAE Systems, National Grid, RWE npower, Network Rail, Ove Arup, Renishaw Rolls Royce, Ford, Nokia, Bosch, EADS, local governments, banks and financial institutions and UK and international utility companies.

---

**Our facilities include** a large and well-equipped library, extensive computing facilities, a flexible learning space, a café and restaurant. The Students’ Union is just eight minutes walk away and there are student residences nearby.

---

**CardiffConnected**

“I have had a world of opportunities presented to me while studying at Cardiff University, and this has only been helped through the advice and mentorship from the lecturers within my department. My course challenges me but also drives my passion for engineering further each year, and studying as an international student within such a vibrant and diverse city really makes it a great experience.”

Roberto  3rd Year Electrical and Electronic Engineering Student
Architectural Engineering MEng/BEng

Creating modern buildings is a complex operation requiring skills from many disciplines. There is a need for different specialists to work together as an interdisciplinary team. Cooperation and understanding of each other’s problems is particularly important between the architect, the structural engineer, the services engineer and the town planner.

Our degree programmes are intended for those wishing to make a career in building design and construction, who want an engineering course with a human face.

Both the MEng and BEng are available as Year in Industry degree programmes. Industrial placements are assisted by staff and are subject to availability. During the programme you become fully aware of the essential interaction between engineering design, architectural requirements and environmental factors (both physical and social). In addition to the essential elements of structural engineering, you gain some understanding of architecture, town planning, municipal engineering, building services, construction technology, and management.

There is particular emphasis on studio work, design projects and case studies.

Industry has a strong need for the type of graduate our programmes produce. Cardiff MEng degrees fully satisfy all the educational requirements for the award of the Chartered Engineer (CEng) Status.

Our BEng degrees partially satisfy the educational base for the Chartered Engineer (CEng) and fully satisfy the educational base for the Incorporated Engineer (IEng).

Civil Engineering MEng/BEng

Civil engineers are concerned with the planning, design, construction and maintenance of highways, airports, docks and harbours, coastal defences, irrigation systems, essential municipal services (such as water supply, drainage and sewage disposal) and structural work, including buildings, bridges, dams, reservoirs and power stations.

Civil engineering is based on fundamental principles and analysis, but is a profession in which art, practice and a sense of service to the community also play an important role. Although you may become specialised in a particular branch of the profession, your vision will need to be broad. For example, as a structural engineer, your design may rely heavily on your understanding of a complex geotechnical or hydraulic problem.

Many different degree programmes are offered. The first and second years of study are common, so no matter which degree programme you choose when you start the course, it is possible to change at any time up to the end of the second year.

The MEng Four-Year Programme is intended to broaden and deepen your knowledge. The course is aimed at those with the potential for higher achievement. The teaching on this course involves more holistic design work than the BEng, with students required to work alone or in small groups.

Lectures, tutorials, seminars, design office and laboratory sessions, and site visits are linked with fieldwork in surveying, construction, geology and design, to provide a comprehensive education.

Our graduates may find themselves working on some of the largest and most valuable engineering programmes all over the world, or may work in international development to alleviate poverty and introduce critical infrastructure in the developing world.

Civil and Environmental Engineering MEng/BEng

Graduates from these degrees plan, design and construct programmes to remedy the problems caused by existing pollution and to produce more sustainable solutions for society’s future needs.

Allied with the core engineering skills of design and analysis, you are taught by specialist staff the necessity of integrating economic and practical solutions. This is developed through site visits, presentations and specialist speakers from industry. As the degree programmes proceed, you are also made aware of the legal, social and ethical aspects of engineering, with the emphasis being firmly placed upon environmental responsibility and control.

Our graduates are mainly employed in the civil engineering industry with major consultancy and contracting firms, such as Sir Robert McAlpine, Ramboll, Arup and Mott McDonald. Typical roles include graduate civil engineer, site engineer or design engineer, and they are based throughout the UK as well as further afield.

Electrical and Electronic Engineering MEng/BEng

Our degree courses are all accredited by the Institution of Engineering and Technology. In addition, our strong links with industrial partners provide opportunities for work placements and possible sponsorship.

The degree programmes are reviewed annually, with input from our industrial partners to ensure that the modules taught are at the cutting-edge.

Cardiff is one of the few universities in the UK to be part of the Power Academy and the UK Electronics Skills Foundation, organisations supporting high quality students to train for a career in Electrical and Electronic Engineering. Scholarships are offered on a competitive basis and successful applicants receive support for tuition fees, student bursaries, vocational training and improved career prospects.

The teaching of our degree programmes has recently received major investment in the provision of state-of-the-art teaching laboratories, enabling students to experience the latest in industrial standard test equipment and software. To support this, National Grid Transco has designated Cardiff as one of their centres of excellence.

We offer both BEng (three-year) and MEng (four-year) degrees, both with the option of an industrial placement year (Sandwich option).

The first year is common for all combinations of our degree programmes and provides you with fundamental analytical, computational and experimental skills. Modules you will study will include: Power Engineering, Electronic Engineering, Network Analysis and Electromagnetics and Electrical Materials.

You will also study information technology, professional engineering studies, and develop oral and written communication skills. In later years, typical modules include: Digital Design, Control Engineering, Engineering Management, EM Fields and Transmission Lines and Renewable Energy Technologies.

There is also an option to study French, Spanish or German.

At this point in the degree programme, you will be in a position to develop the technical breadth, depth and flexibility required in today’s multidisciplinary technical environment. It is here that the research-led nature of our programmes will allow you to specialise in a specific area of Electrical and Electronic Engineering. (Industrial placements take place after your second year of study.)

For all programmes, you will participate in a major individual project spanning the two semesters. You are encouraged to become involved in research and industry-led projects in your chosen area of focus.

The final year of the MEng programme is designed to cover an enhanced depth and breadth of technical coverage, as prescribed by the IET professional body.
Integrated Engineering MEng/BEng

An Integrated Engineering degree reflects the urgent need of employers for professional engineers who have a wider understanding of the various engineering disciplines. To achieve this aim, you study a spectrum of specialist modules drawn from a broad range of disciplines including: Information Engineering, Mechanical Engineering and Energy Studies, Electrical and Electronic Engineering, Energy and Power Generation, and Professional Engineering Studies, all of which are interlinked within an overall programme of Integrated Studies.

Learning methods include case studies, laboratory programmes and design exercises – each of which is coupled to focused application in the industrial environment.

During the degree, you also engage upon both individual and group projects, which help to develop both individual skill levels and provide highly relevant group working experience.

The diverse skills base studied within this programme ensures the widest of subsequent career opportunities. Recent graduates have accepted positions within many different sectors of engineering including aeronautical (Airbus), defence (BAE Systems), and building services (Arup).

The Integrated Engineering degrees are accredited by the Institution of Mechanical Engineers, and the Institution of Engineering and Technology.

Mechanical Engineering MEng/BEng

Mechanical engineers use modern technology to meet the demands of society and have wide and varied career opportunities. They are key personnel in all branches of industry, from planning, research, development and design, to manufacture, testing, sales, installation and maintenance. Others occupy responsible positions within energy, defence, transport, health and education, and in all of the armed forces. From the design of jet engines and racing cars to the production of consumer goods, mechanical engineers are essential.

The degree programme has core modules studied throughout: mathematics, statics, dynamics, solid mechanics, and properties of materials, thermodynamics, electrical engineering, fluid mechanics and business management.

These core subjects are supplemented by more specialist disciplines and course work, which includes studies in communication, experimentation, computing, laboratory work and design. In addition, the languages French, German and Spanish may be studied as an option. Computer-aided engineering is nowadays all pervasive. You will use large commercial software packages for engineering design in a manner that you would meet in industry. Good design also involves an understanding of how things are to be manufactured, and knowledge of this forms an important part of the teaching.

Our degrees are accredited by the Institution of Mechanical Engineers. Qualification for corporate membership of a professional institution rests on practical training and professional experience, as well as on educational requirements. If you are a Year in Industry programme candidate, your industrial placement may count towards this requirement.

Medical Engineering MEng/BEng

Medical Engineering is a distinct area of study. The degree is designed to appeal to students who wish to combine classical engineering training with a medical application. The aim of the programme is to produce a highly competent engineer who could pursue a career either in clinical/bioengineering or engineering fields outside medicine.

All programmes share common first and second years in which you will acquire fundamentals in a broad range of engineering disciplines, including Mechanical, Electrical and Electronic Engineering, and Anatomy and Physiology. In the first and second years, you are introduced to a number of modules designed to apply engineering principles to the medical field. These include Biomechanics, Materials and Manufacture.

In Year Three, you will undertake further modules in Clinical Engineering and Biomechanics and will use the fundamental engineering skills acquired in earlier years to solve medical engineering problems, especially in your project.

The fourth year deepens and broadens your knowledge of medical engineering and includes a number of specialist modules including Forensic Bio-engineering, Medical Image Processing and Sports Biomechanics.

Cardiff is one of the few partner universities within the elite Power Academy set up to encourage talented students to pursue IET accredited degree programmes that include a significant power element. The Power Academy encourages high quality students to train for a career in electrical engineering and will offer support for tuition fees, student bursaries, assistance with course materials and vocational training opportunities, as well as improved career prospects.
Why choose **English, Communication and Philosophy** at Cardiff?

We provide *dynamic* and *supportive* teaching with a wide choice of modules.

### 95%

of our graduates are in employment and/or further study six months after graduating.*

### Top 10

nationally for the **quality of our research** in English Language and Literature.*

### 84%

of our students were satisfied overall.*

### 4th

nationally for the **impact of our research** in Philosophy within the wider world.*

*See page 40 for details of statistical sources.*
Careers

Our graduates are sought by all kinds of employers looking for people with a high level of verbal ability, sophisticated self-expression, the ability to conceptualise, and confidence in writing and analysing the written and spoken word.

**English Language** combines the best of humanities skills with social science skills and thus prepares you for a wide range of career options. Common destinations include primary and secondary school teaching, teaching English as a Foreign Language (TEFL), marketing and PR, sales and advertising, the civil service and public administration, but also publishing, journalism, personnel management, counselling, clinical/therapeutic professions and the criminal justice system. Our postgraduate degrees offer further prospects of employment in these areas.

**English Literature** equips you for a range of diverse careers. Frequently, our graduates choose careers in journalism, publishing, teaching, law, public relations, marketing, administration, government and industry, but there are very few careers which are not open to graduates with a degree in English Literature. Through their distinctive experience of working in an innovative and creative manner across traditional boundaries, our graduates are particularly well suited both to further postgraduate work and to a variety of posts in the knowledge and creative economy.

**Philosophy** graduates are highly sought after in the public, private, and charity sectors. They are widely recognised as being well trained in analysing reasons, identifying assumptions, constructing arguments, and communicating clearly and effectively. Many study for professional qualifications in law and education, while others go on to research, managerial, and leadership roles in a wide variety of organisations. Some graduates take higher degrees in Philosophy or related disciplines before moving on to careers in Higher Education or elsewhere.
Our set of stimulating degree programmes enables you to explore your subject in inspiring ways, while gaining valuable employability skills.

Guided by student-centred values and a friendly approach, our emphasis is on developing your skills, knowledge and understanding through a shared culture of learning and teaching. Assigned your own Personal Tutor, you will engage in regular academic feedback and meetings to support your progress.

We have an established international reputation as a centre for research in various fields: English Literature, Creative Writing, Language and Communication, and Philosophy. Our research feeds directly into our teaching at all levels, so you benefit from the latest developments.

Teaching
We offer a wide choice of programmes and modules taught through lectures and seminars, including our exciting suite of seminar series, where you can hear about the latest developments in your field, including from visiting academics. You can also benefit directly from our Engagement Platforms, where dynamic initiatives such as Cardiff BookTalk take our work into the heart of our local community.

About the Degree Structure
Our first year offers a firm grounding, preparing you for more advanced study in Years Two and Three. This gives you the skills and knowledge to make informed choices for the more advanced stage of your degree. Your final degree classification will depend on your marks in Year Two (counting for 40%) and Year Three (counting for 60%).

Single Honours
These programmes span three years. In general, you take all your modules (120 credits per year) in your subject. In the first year in English Language degrees, however, you have the option to take 40 credits in another discipline in the School (subject to your qualifications).

Joint Honours Programmes
We offer a wide range of Joint Honours degrees enabling you to study two disciplines. The majority of our Joint Honours degree programmes span three years (four years where languages require a year of study abroad). You take 120 credits each year (60 credits in each subject). For further information about possible combinations, please also see page 146.

English Language Degrees

**BA in English Language: Single Honours**

We offer a wide range of topics, inspired by the social, cultural and critical aspects of language. Topics range from interactions with society, culture, gender and ideology, to visual communication, computer-mediated communication and communication disorders and social interaction.

Our passion for English Language is reflected in our international reputation for cutting-edge research. Year on year, our teaching achieves independent indicators of excellence, both in the independent National Student Survey and under external examiner scrutiny.

We offer a rewarding degree, distinctive in nature by three key measures:

- **Contextually Rich:** With a rigorous grounding in the analysis of the English language, you will learn such linguistic tools as grammar, phonetics and discourse analysis. We consider the analysis of language to go beyond narrow linguistic areas, to include the process of meaning-making and communication more generally.
- **Applied:** You will learn linguistic and communication theories from the very researchers who helped develop them, but also apply them to particular aspects of contemporary life. Many of the modules require you to collect and analyse your own data; you will learn how to transcribe spoken interaction and how to analyse it in multiple ways. You might also use computer corpora to analyse language use and programmes to design magazine covers and web pages (though practical work is always subordinate to overall academic and critical orientation).

- **Interdisciplinary:** We draw on linguistics and communication theory but also on many other relevant fields such as sociology, anthropology, psychology and social and critical theory. Working in an interdisciplinary environment helps you develop vital employability skills for the modern world in which boundaries are constantly being broken and flexible thinking is a must.

The foundation modules in Year One provide a solid grounding in both Language and Communication. You take six 20-credit modules in each of the following two years, including two compulsory modules in Year Two.

Our programme is designed to enhance a wide range of career options, most notably: teaching, publishing, PR, journalism, personnel management, counselling, clinical/therapeutic professions and the criminal justice system.

**BA in English Language and Linguistics: Single Honours**

This course develops your ability to analyse and critique the language that surrounds us. It also develops strong skills in communicating clearly and effectively. Our graduates combine the best of social science skills, such as technical analysis based on the systematic and critical handling of data, with the best of humanities skills, such as flexibility and the ability to communicate effectively in written and oral formats.

We offer modules in descriptive traditions of language (the study of phonetics, grammar, lexis and morphology), as well as critical traditions (such as the study of discourse and the relation between language and power).

You study spoken and written language as well as many multimodal forms of communication – word, image and sound – that predominate in contemporary and digital media.

You learn how to use specific software packages to produce multimodal texts in forms ranging from websites and blogs to magazine covers, to analyse and present numerical data, to identify patterns in large collections (or ‘corpora’) of written and/or spoken language, and to analyse speech in phonetics.

---

**Cardiff Connected**

“Cardiff offers the whole package – excellent teaching, world-renowned research, friendly people and a great location for everything you enjoy doing. Teaching feels personal and tailored. Lecturers know you by name and are always friendly and supportive. The modules are engaging and varied. There is opportunity to expand on all the areas through research projects, extra-curricular talks and events as well as the option to write a dissertation in whatever area you like. The flexibility of English Language means not much is off limits after you graduate!”

Nancy  BA English Language 2017
We also offer a number of modules of direct relevance to careers in education, the media, health, and the legal process.

**BA in English Language and Literature: Single Honours**

Exploring how Language and Literature illuminate each other, our programme combines the study of these complementary fields to maximum impact.

On the Language side, you gain a rigorous grounding in the analysis of the English language. You learn such essential linguistic tools as phonetics, grammar and discourse analysis from those who are pushing the boundaries of research in those fields. You will also learn how to analyse the types of multimodal (e.g. word, image and sound) texts that predominate in contemporary and new media. English Literature offers access to the whole chronological span of English literature, from the Anglo-Saxon period to the twenty-first century. Intrigued by literature’s connections across genre - whether film, art, music, history, language or popular culture – our research and teaching far exceeds the restrictions of the printed word. Our global reach means you can study writing in English stretching from North America, the Caribbean, India, and Australia to writing from closer to home including Ireland, Scotland and Wales.

**BA in English Language: Joint Honours**

Our Joint Honours options enable you to pursue two subjects. Options with English Language typically include French, German, Italian, Philosophy, Spanish and Welsh.

Conventionally, careers such as the teaching of modern languages, translation, multilingual publishing, the international media, and relevant research paths benefit most closely from these combinations.

**English Literature Degrees**

**BA in English Language and Literature: Single Honours**

Our passion for English Literature flows through our teaching. The range and strength of our scholarship enable us to offer a degree that is:

- **Inclusive**: We teach across the whole chronological span of English literature, from the Anglo-Saxon period to the twenty-first century, including Creative Writing. We teach writing in English from across the globe, including England, Wales, Ireland, Scotland, America, India and Australia. We are intrigued by the connections between literature and film, art, music, history, language and popular culture, and our teaching reflects these interests.
- **Challenging**: Our research-led teaching means you will engage with new ideas that may help shape the future of the discipline. We see the study of literature in its various contexts as broadening horizons.
- **Diverse**: After Year One there are no compulsory modules. We give you choice and the skills and knowledge to make informed decisions. You have the freedom to construct a traditional programme covering multiple periods and genres, or to build a more distinctive mix of modules combining literary study with analysis of and practice in other cultural forms, including Creative Writing.

**BA in English Language and Creative Writing: Single Honours**

This degree blends the dynamic study of English Literature and the exciting practice of Creative Writing, allowing you to develop your skills and abilities in both fields.

You take a third of your modules in Creative Writing each year. You are taught throughout both by workshop practice and lectures. Building on foundation modules in Year One, you embark on your choice of specialist modules in Year Two. Your finely developed skills enable you to undertake the Creative Writing project in your final year. Under expert guidance, you will create a portfolio of your own original work, undertaking essential independent research for this showcase. Our flexible approach means that you have the ability to switch to BA English Literature at the end of your first or second year if you wish.

**Special features:**

- Purposeful introduction to the study of English Literature, critical thinking and essay writing
- Stimulating range of modules, from Old English to Creative Writing
- Passionate teaching, by academics known internationally for innovative research
- Broad variety of assessment to suit all learning styles.

**BA in English Language and Creative Writing: Joint Honours**

Our Joint Honours options enable you to pursue two subjects. Options with English Language typically include French, German, Italian, Philosophy, Spanish and Welsh.

Conventionally, careers such as the teaching of modern languages, translation, multilingual publishing, the international media, and relevant research paths benefit most closely from these combinations.

**English Literature Degrees**

**BA in English Language and Literature: Single Honours**

Our passion for English Literature flows through our teaching. The range and strength of our scholarship enable us to offer a degree that is:

- **Inclusive**: We teach across the whole chronological span of English literature, from the Anglo-Saxon period to the twenty-first century, including Creative Writing. We teach writing in English from across the globe, including England, Wales, Ireland, Scotland, America, India and Australia. We are intrigued by the connections between literature and film, art, music, history, language and popular culture, and our teaching reflects these interests.
- **Challenging**: Our research-led teaching means you will engage with new ideas that may help shape the future of the discipline. We see the study of literature in its various contexts as broadening horizons.
- **Diverse**: After Year One there are no compulsory modules. We give you choice and the skills and knowledge to make informed decisions. You have the freedom to construct a traditional programme covering multiple periods and genres, or to build a more distinctive mix of modules combining literary study with analysis of and practice in other cultural forms, including Creative Writing.

**BA in English Language and Creative Writing: Single Honours**

This degree blends the dynamic study of English Literature and the exciting practice of Creative Writing, allowing you to develop your skills and abilities in both fields.

You take a third of your modules in Creative Writing each year. You are taught throughout both by workshop practice and lectures. Building on foundation modules in Year One, you embark on your choice of specialist modules in Year Two. Your finely developed skills enable you to undertake the Creative Writing project in your final year. Under expert guidance, you will create a portfolio of your own original work, undertaking essential independent research for this showcase. Our flexible approach means that you have the ability to switch to BA English Literature at the end of your first or second year if you wish.

**Special features:**

- Purposeful introduction to the study of English Literature, critical thinking and essay writing
- Stimulating range of modules, from Old English to Creative Writing
- Passionate teaching, by academics known internationally for innovative research
- Broad variety of assessment to suit all learning styles.
Critical Thinking, with the addition of Four and Reality, Moral and Political Philosophy, in your first year, you will study Mind, Thought and belief. The nature of reality; and the nature of knowledge (including philosophy of consciousness, cognitive science and AI); the fundamental authority; the nature of mind and language (including philosophy of consciousness, cognitive science and AI); the fundamental nature of reality; and the nature of knowledge and belief.

In your first year, you will study Mind, Thought and belief. The nature of reality; and the nature of knowledge (including philosophy of consciousness, cognitive science and AI); the fundamental authority; the nature of mind and language (including philosophy of consciousness, cognitive science and AI); the fundamental nature of reality; and the nature of knowledge and belief.

In your first year, you will study Mind, Thought and belief. The nature of reality; and the nature of knowledge (including philosophy of consciousness, cognitive science and AI); the fundamental authority; the nature of mind and language (including philosophy of consciousness, cognitive science and AI); the fundamental nature of reality; and the nature of knowledge and belief.

In your first year, you will study Mind, Thought and belief. The nature of reality; and the nature of knowledge (including philosophy of consciousness, cognitive science and AI); the fundamental authority; the nature of mind and language (including philosophy of consciousness, cognitive science and AI); the fundamental nature of reality; and the nature of knowledge and belief.

Studying Philosophy develops the ability to identify the reasons to support a particular argument, to understand the assumptions lying behind those reasons, and to assess these critically. Through the energising rigour of debate and exchange, you will develop the ability to think logically, to communicate ideas effectively and to make a persuasive case, all essential in the modern workplace.

Designed with newcomers to the discipline in mind, we offer a Single Honours degree in Philosophy and a wide range of Joint Honours degrees with Philosophy as a component. Teaching includes a mix of lectures, thought-provoking seminars and presentations, with the expectation of wide reading across philosophical literature. In turn, you are fully supported with regular staff contact, small group discussion, and instructive feedback on your written work.

Philosophy Degrees

Philosophy is the study of the most fundamental questions about reality, knowledge and ethics, questions whose answers are presupposed by most other subjects.

Studying Philosophy develops the ability to identify the reasons to support a particular argument, to understand the assumptions lying behind those reasons, and to assess these critically. Through the energising rigour of debate and exchange, you will develop the ability to think logically, to communicate ideas effectively and to make a persuasive case, all essential in the modern workplace.

Designed with newcomers to the discipline in mind, we offer a Single Honours degree in Philosophy and a wide range of Joint Honours degrees with Philosophy as a component. Teaching includes a mix of lectures, thought-provoking seminars and presentations, with the expectation of wide reading across philosophical literature. In turn, you are fully supported with regular staff contact, small group discussion, and instructive feedback on your written work.

BA in English Literature: Joint Honours

This option enables you to follow two subjects, which can open up diverse career directions. Options with English Literature typically include Ancient History, Archaeology, French, German, History, Italian, Journalism, Music, Philosophy, Religious Studies, Spanish or Welsh. Advantageously, English Literature and Philosophy benefits particularly from teaching within one School, giving a seamless transition from the grounding of Year One.

BA in Philosophy: Single and Joint Honours

We offer the opportunity to examine fundamental philosophical questions from both the analytic and continental traditions, through assessing arguments put forward by philosophers across the ages.

Examing some of the most influential writings in Western literature, we cover moral philosophy (including applied ethics, normative ethics and meta-ethics); political philosophy (including issues of political legitimacy and authority); the nature of mind and language (including philosophy of consciousness, cognitive science and AI); the fundamental nature of reality; and the nature of knowledge and belief.

In your first year, you will study Mind, Thought and Reality, Moral and Political Philosophy, Critical Thinking, with the addition of Four Great Works, Debates in the History of Philosophy, and Philosophy through Film and Fiction for Single Honours students. In Year Two, you choose from a wide range of topics, typically including Philosophy of Mind, Epistemology, Metaphysics, French Existentialism, Philosophy of Science, and Contemporary Ethical Theory. In Year Three, you specialise according to your interest in latest research areas, with the option to develop your research skills further by conducting your own dissertation.

Further Information

Methods of Teaching

We recognise the importance of discussion and stress individual student participation. We deliver a variety of teaching methods, ranging from more formal lectures to classes and seminar groups with a strong emphasis on lively informal discussion. You also benefit from one-to-one contact with tutors.

Methods of Assessment

We believe that enabling the greatest number of our students to shine is best served by a broad variety of assessment models. Assessment is typically by essay and/or examination; oral presentations are integrated into a select number of modules. Certain modules offer exciting ‘critical-creative’ modes of assessment in which you are invited, for example, to combine imaginative and evaluative (re)interpretations of a classic text. Assessment takes place at the end of every semester or academic year. A small number of modules are also assessed mid-term. In most degree programmes, you can choose to undertake a dissertation, researching a topic of your choice in depth.

Postgraduate Opportunities

Our postgraduate environment is lively, supportive and well-established. Our undergraduate programmes are designed with progression in mind, and will equip those who are considering further study (either at MA or PhD level) with the necessary skills to make the transition to postgraduate level.

Part-time Study

We offer part-time degrees in English Language, English Literature, and Philosophy. Please contact us for more details.

Research

Our research is of the highest quality and impact. In the latest UK assessment, Cardiff’s English Literature and Language were ranked in the top ten for research, with 98% of submitted research classified as international standard, and 87% classed as internationally excellent or world-leading. With 100% of its impact classed as internationally excellent or world-leading, Philosophy achieved fourth place for the impact of its research on society (Source: Research Excellence Framework 2014).

From supporting teenagers with AIDS/HIV to express their experiences through comics, to changing the way the police communicate with detainees, victims and the public, and helping to influence the protocols governing the construction of DNA databanks, our research is making an impact in areas such as healthcare, law, social justice and education.
Geography and Planning

Why choose Geography and Planning at Cardiff?

Top 10 for Town and Country Planning and Landscape.
Source: The Times/Sunday Times Good University Guide 2019

Top 10 for Geography and Environmental Studies.
Source: The Guardian University Guide 2019

Expand your horizons - all of our programmes offer subsidised international field study visits. Third year destinations currently include Hong Kong, Los Angeles, New York and Tanzania.

93% of our graduates are in employment and/or further study six months after graduating.*

The breadth and quality of our research portfolio makes for an invigorating environment in which you can pursue your academic and professional development.

85% of our submitted research was rated as “internationally excellent” or “world-leading”.*

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours

Urban Planning and Development BSc (3 years) K490

Urban Planning and Development (Sandwich) BSc (4 years) K446

Geography (Human) BSc (3 years) L700

Geography (Human) and Planning BSc (3 years) LK74

Geography (Human) and Planning with a Professional Placement Year BSc (4 years) LK75

Accreditation

The BSc Geography (Human) and Planning, and BSc Urban Planning and Development degrees are accredited by the Royal Town Planning Institute (RTPI) and the latter is also accredited by the Royal Institution of Chartered Surveyors (RICS). Our BSc Geography (Human) programme is also endorsed by the Royal Geographical Society.

Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

A-level: Geography (Human): AAA-ABB.
Geography (Human) and Planning: AAA-ABB.
Urban Planning and Development: AAB-BBB.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above).

IB: Geography (Human): 36-34 points.
Geography (Human) and Planning: 36-34 points.
Urban Planning and Development: 35-33 points.

Other: Applications from those offering alternative equivalent qualifications are welcome, as are those who may have other relevant work/life experience.

All Degrees
General Studies is not normally accepted.

GCSE Requirements (or equivalent):

- Maths at Grade C or Grade 4.
- English Language at Grade C or Grade 4.

See page 153 for information about GCSE equivalencies.

Careers

Job roles
Economic analyst, aid worker, charity officer, development officer, environmental consultant, planning officer, surveyor, transport planner, town planner, teacher.

Employers
National and local governments, business consultancies, sustainable energy centres, environmental agencies, housing strategy companies, construction companies and surveyors.

Applications Information

Typical places: 180  Typical applications: 650

Find Out More

Web: www.cardiff.ac.uk/courses

Download the School Brochure: www.cardiff.ac.uk/pubs/ug

Tel: (029) 2087 4022
Email: gandpenquiries@cardiff.ac.uk

Facebook.com/cardiffgeographyandplanning  @CUGeogPlan

Are you passionate about the social, environmental, political, developmental, planning and economic issues we face? Join us to help transform people and places around the world for the better.

Cardiff Connected

“During my degree, I was fortunate to be able to go on field study visits to both Amsterdam and Hong Kong, giving me the opportunity to travel, and apply my learning to real-world situations. Studying Geography at Cardiff also enabled me to follow my own study interests, conduct my own research and develop my independent learning skills within a supportive, friendly and encouraging community. The professional and career support I received also helped my employability, leading to a graduate level role in the marketing and technology industry.”

Chloe  BSc Geography (Human) 2018
We are a world-leading centre of research and teaching excellence in the fields of human geography, planning and spatial analysis.

We offer you a stimulating, supportive, and exciting environment in which to study and thrive. From cases on paper, to places in practice, we enable students and staff alike to actively transform the world. We have an outstanding record of academic achievement and have been consistently ranked amongst the top geography and planning schools in the UK in terms of our research environment.

Our programmes focus upon the grand challenges faced by human societies and places in the twenty-first century. Our research-led teaching enables you to apply critical thinking and practical knowledge in addressing impacts of economic, social, political and cultural change on the built and natural environments.

All degree programmes teach a rich array of transferable skills – you develop high levels of literacy and numeracy, excellent IT and data analysis skills, and a professional degree of competence in presentational and group working techniques.

You also benefit from opportunities to study abroad. You can take part in field study visits during each year of your degree; in Year Two, you have the option of undertaking research in European locations such as Amsterdam and Berlin, while in Year Three destinations currently include Hong Kong, Los Angeles, Tanzania and New York. Field study visits are currently ‘fee inclusive’ in Years One and Two, and subsidised in Year Three.

You can also choose to study in one of our partner institutions in Europe, or North America, Australia and Asia (through the Global Opportunities Programme).

Professional Recognition and Employability

Our graduates are highly employable in a wide number of professions and sectors, such as local government, town planning, international development, environment and sustainability, banking, accountancy and HR. Many of our graduates also choose to pursue further academic study and select one of our Master’s programmes.

Your preparations for employment are boosted by our close relationships with employers in the private and public sectors, which enable us to help support a range of work placements. We also regularly host events with external speakers. These provide insights into links between academic ideas, policy and practice, and provide an excellent opportunity for you to learn about a variety of careers.

We collaborate closely with the Royal Institution of Chartered Surveyors (RICS), Royal Town Planning Institute (RTPI) and the Royal Geographical Society (RGS) to ensure that our degrees deliver relevant and cutting-edge curricula and equip you with the employability skills needed for practice.

There are different pathways for graduates of the School to secure professionally recognised qualifications. Both BSc Geography (Human) and Planning and BSc Urban Planning and Development degrees are accredited by the RTPI as spatial planning degrees, while the latter is also accredited by RICS. You can also progress to a specialist Master’s degree for full recognition by the RTPI. Graduates of our non-accredited courses can progress to a combined Master’s degree for recognition by the RTPI. Several Master’s degrees are also recognised by other professional bodies, providing you with access to multiple professional membership.

Recognising the importance of practical experience, we provide a range of opportunities for you to develop your professional and employability skills through placements.

These placements are an opportunity to broaden your horizons, deepen your understanding and start building your professional network and profile.

The opportunities available are dependent on your programme of study but can include a year-long placement or in-programme periods of work experience.

BSc Urban Planning and Development

Planning is an exciting activity that impacts on our everyday lives, influencing everything from the homes where we live, opportunities for employment, the quality of our town centres, the use of public spaces, the availability of green spaces and the way we move between different parts of our towns and cities.

This programme is designed for those who want to understand how places work and how to change them. It provides you with an understanding of the social, economic, political and environmental factors that shape cities and regions. You also learn how to influence these processes in order to deliver more sustainable communities, that are better places to live in for everyone.

If you are interested in the way the built environment is created, sustained, managed and improved, then this could be the programme for you. As a professionally-recognised and applied degree, you will benefit from a wide range of graduate career opportunities in planning, design, surveying and beyond.

You have the opportunity to specialise in modules focusing on different areas of planning, spend time studying overseas, and participate in field study visits in the UK, Europe and globally.
Our focus on the discipline’s relevance to environmental challenges of our age. As a human geographer at Cardiff University, we place emphasis on developing a wide range of skills, it can open up opportunities in a variety of careers outside of planning.

The programme is accredited by the Royal Town Planning Institute (RTPI) as a spatial planning degree. Many of our students opt to progress to our specialist Master’s programmes to complete the RTPI’s educational requirements.

The programme is also accredited by the Royal Institution of Chartered Surveyors (RICS) and provides all of the educational requirements for membership.

**BSc Geography (Human)**

Geography is one of the most popular social sciences because it addresses pressing global issues and engages with major intellectual debates. As a human geographer at Cardiff University you will engage with the major social, economic, political, development, and environmental challenges of our age.

Our focus on the discipline’s relevance to key decision-makers, to industry, to the voluntary sector and to civil society, ensures you are highly employable. Accredited by the Royal Geographical Society (RGS), this programme allows you to apply your geographical knowledge in practice by offering a work placement module in the second year, which enables you to ease your transition between education and the professional world.

Taught by world-class researchers, you will be engaging with cutting-edge knowledge. Research is embedded within our approach to teaching, and you will be offered the opportunity to undertake research abroad during subsidised field trips.

Our focus is on human geography, but we place a strong emphasis on how humans interact with the physical environment.

Through modules on topics including sustainability, environmental hazards and climate change, you will benefit from critical insights into the complex and changing relationships between human societies and the environment.

The first year provides a foundation in human geography as well as research skills. You learn about the historical development of human geography and its key contemporary themes in both cities and rural settings. This provides the building blocks for Years Two and Three.

In the second year, you are introduced to geographical ideas, philosophies and concepts that inform current human geography, and take a selection of option modules on topics such as cultural, development, economic, environmental, social, and political geographies. Training is also provided to enable you to undertake your research dissertation. The second year includes the option of a European field study visit.

The third year allows you to build on your learning in earlier years, specialising in particular areas of human geography. You choose from a broad range of optional modules and field study visits, including several global options.

As a human geographer at Cardiff University you are exposed to a vast range of opportunities and high quality teaching. You graduate as adults who are highly engaged in contemporary debates, with excellent experiences, making you competitive in the workplace.

**BSc Geography (Human) and Planning**

This programme provides you with a broad-based spatial education that fuses the problem solving approaches of planning with the topical and theoretical knowledge of geography. Accredited by the Royal Town Planning Institute (RTPI), it has been specifically designed to provide you with key employability skills that give you an all-important edge in a wide variety of highly competitive job markets. The degree is also available as a four-year programme, where there is an opportunity for you to obtain extended, salaried placement experience. You gain an understanding of global, national and local processes of change, key environmental, social, cultural, political and economic trends and the role that planning plays in shaping their effects on different places. The programme examines the changing nature of spaces and places, the relationship between society and space, and the roles of the state.

The combination of a general overview of human geography and planning linked to a research specialism allows you to cover a wide range of academic concerns, while also developing your own particular interests.

The first year provides an introduction to the core areas of geography and planning. You cover issues such as the nature of geographical thinking, globalisation, and the history and practice of planning and urban development. You also develop the essential skills for accessing and processing spatial information.

The second year looks in more depth at the history of geographical thought, the economic and cultural subfields of geography, the core practical disciplines of planning, and planning’s application to environmental issues. You continue to develop your understanding and application of research techniques and issues, while you also select a number of specialist options, some of which are required for RTPI Accreditation. The second year also includes the option of a European field study visit.

The third year brings together current ideas in geography and planning in a core module, complemented by a variety of options. You also undertake a dissertation or research project based on a topic of your choice, and have the option to attend an international field study visit.
Healthcare Sciences

Why choose Healthcare Sciences at Cardiff?

Featuring in the top 10 for Occupational Therapy, Physiotherapy, Nursing and Medical Technology.
Source: Complete University Guide League Tables 2019

99% of our graduates are in employment and/or further study six months after graduating.*

Opportunity for Bursary and Full Tuition Fees to be funded by the Welsh Government.+
+ Subject to committing to working in Wales post qualification for two years.
See our website at: www.cardiff.ac.uk/adviceandmoney for more information

We have strong collaborations globally which means students could enjoy the opportunity to experience clinical work abroad.

100% of our submitted research rated at least of international standard with 94% classed as “internationally excellent” or “world-leading”. *

*See page 40 for details of statistical sources.
Why choose Healthcare Sciences at Cardiff?

600 Typical applications:
5,000 Typical places:

Applications Information
Typical places: 600  Typical applications: 5,000

Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience. Students with an appropriate degree of 2:2 or above may be admitted to the accelerated programme of Occupational Therapy.

In addition - all Degrees

GCSE:
Nursing, Midwifery, OT, ODP: 5 GCSE Grades A*-C/Grades 9-4 including English, Maths and a Science.
Physiotherapy: 7 GCSE’s Grades A*-C/Grades 9-4 including English, Maths and Science. Radiotherapy and Oncology, Diagnostic Radiography: 5 GCSE’s Grades A*-C/Grades 9-4 including English, Maths and Physics. Plus one other science or double award science.

Please Note: Deferred entry is not available for the Midwifery and Children’s Nursing programmes.

Find Out More
Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Tutors: Senior Admissions Tutor: Gina Newbury  Adult Nursing: Cath Dunn, Sandra Fender  Children’s Nursing: Martina Nathan  Diagnostic Radiography: Mark Linehan  Mental Health Nursing: Alex Nute  Midwifery: Janet Israel

Typical Entry Requirements

For detailed entry requirements and latest typical offers please see our website.

A-level: Diagnostic Radiography and Imaging: BBB. Grade B in a Science A-level is required.
Midwifery: ABB (no specified subjects).
Nursing: BBB (no specified subjects).
Occupational Therapy: ABB (no specified subjects).
Operating Department Practice (ODP): BCC.
Physiotherapy: AAB. At least Grade B in Biology or Human Biology is essential.
Radiotherapy and Oncology: BBB. Grade B in a Science A-level is required.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

Access: Students must offer a credit based Nursing or Health based diploma level course validated by The Open College Network.
Midwifery: Pass with a minimum of 15 merits and 30 distinctions.
Nursing: Pass with a minimum of 18 merits and 27 distinctions.
Occupational Therapy: Pass with a minimum of 60 credits to comprise 30 credits at level 3 at Distinction Grade and 15 credits at level 3 at Merit Grade.
ODP: Nursing/Health/Sciences/HE Pass with a minimum of 21 merits and 24 distinctions.
Physiotherapy: Pass of 60 credits overall, with 45 credits at level 3, to include 36 credits with Distinction (with at least 18 in Biology) and 9 credits at Merit. This is additional to GCSE entry requirements.

Radiotherapy and Oncology, Diagnostic Radiography: Prefer Applied Science or Biomedical Science (or a strong academic base) access diploma will be considered on an individual basis.

IB: 24-35 points. See website for details.

Other: Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience. Students with an appropriate degree of 2:2 or above may be admitted to the accelerated programme of Occupational Therapy.

Accreditation
All our degree programmes are accredited by the appropriate professional body.

Please note that all subjects listed are subject to final validation.

Occupational Therapy: Heather Hurst, Maria Clarke, Nina Cogger
Operating Department Practice: Peter Aires
Physiotherapy: Katy Hamana, Stephen Dando
Radiotherapy and Oncology: Nicholas Courtier, Paul Brown

Tel: (029) 2087 7538
Email: HCareAdmissions@cardiff.ac.uk
@CUHealthSci

Careers

Job roles
Advanced nurse practitioner, health visitor, lecturer, midwife, nurse, operating department practitioner, occupational therapist, physiotherapist, radiographer, research nurse and ward manager.

Employers
Various Health Boards and NHS Trusts, Community Health Services, local government social service departments, international health services, higher education institutions and organisations such as Age Concern and the Cardiff Blues rugby team.

www.cardiff.ac.uk/healthcare-sciences
87
Do you want to make a difference? Not just a choice. Be part of something special and join our School, which offers a range of qualifying Healthcare degrees.

Having one of our buildings located within the University Hospital of Wales, the third largest University Hospital in the UK, means our School benefits from a strong healthcare focused community feel.

You will be taught by lecturers who have real-life experience within their profession, and you will learn alongside students from other healthcare programmes, which provides a unique multidisciplinary environment in which to study.

Be part of something special, and start a career you’ll feel proud of today.

Post-Registration
We offer several modules and courses for registered healthcare professionals who would like to continue their education at Level 6.

For further information on post-registration study please visit our website.

**Bachelor of Midwifery (Hons)**

With 100% of our students satisfied with our course (UNISTATS 2018) you will be joining a popular and supportive midwifery programme with a family feel.

As a qualified midwife, you’ll provide full antenatal care, identify and co-ordinate the care for women with high-risk pregnancies, monitor all women and support them during labour, and teach new mothers how to feed and care for their babies. You will be working with women from a variety of backgrounds, so you will need to be confident enough to communicate and support different people in a variety of situations.

You’ll be joining the only University that has been designated by the World Health Organisation as a Collaborating Centre for Midwifery Development. As the centre for the European region, you will be taught by helpful and knowledgeable lecturers who are influencing healthcare and education across Wales and beyond, through their engagement and research.

You will be able to enhance your academic learning in our simulation suites. The realistic midwifery ward, equipped with specialised mother and baby mannequins along with our simulated theatre, exposes you to lifelike situations where you can safely practice and develop essential skills, developing your confidence and expertise, before going out into placement.

Whilst learning in the University setting is essential, we recognise and value equally the learning that occurs in the placement area. In recognition of this and the Nursing and Midwifery Education Standards, you will spend approximately 50% of your time on placement. We have established close working relationships with two large service providers in South Wales to facilitate placement learning in a range of environments, in the hospital and in the community, to enhance your experience in caring for women, whilst being supervised by a dedicated mentor.

This degree is validated by the Nursing and Midwifery Council (NMC) and successful completion will lead to eligibility to register with the NMC as a qualified midwife. We strive to ensure our graduates are ready for the next step and that’s why 100% of our midwifery students are in employment or further study within 6 months of graduating (UNISTATS 2018).

**Bachelor of Nursing (Hons)**

Join one of our nursing programmes that are ranked in the top 10 in the Complete University League Tables 2019 and are validated by the Nursing and Midwifery Council (NMC).

**Adult Nursing**

Adult nursing is a professional degree which leads to an exciting, challenging and rewarding career. Our programme provides you with the skills and knowledge to become a registered adult nurse after three years.

Becoming an adult nurse means you will work with adults of all ages (over the age of 16). You will build trusting relationships with individuals in your care and their families, taking lots of factors into account and managing many priorities to get the best possible result for them.

Supportive lecturers will provide interesting learning which can be practiced in our highly-equipped learning environments, which enable you to learn in a realistic ward, community, home and emergency simulations. Lifelike simulations mean you can safely practice and develop essential skills, developing your confidence and expertise before going out into placement.

You will spend approximately 50% of your time on placement, in both hospital and community settings. During year two, there is an opportunity for you to undertake a placement learning opportunity in a different environment, either within the UK or overseas.

**With access to outstanding library, IT and clinical simulation facilities, opportunities to learn alongside future colleagues from other healthcare professions and close proximity to major regional and national centres of clinical excellence.**

**Cardiff Connected**

“The course is really varied. We go onto placements and we get to know all the different areas which means we can apply the theory that we learn in class straight away into practice. Within a couple of months we know what we are going to be practicing and we are able to see how this looks in real life. Placements are important as it gives you the confidence to know what’s going to happen when you will be working as a qualified nurse.”

*Sylvia*  Mental Health Student

“"The opportunity to work within two University Health Boards enriches your education and the dedicated mentors help develop you into a confident and skilled practitioner.”

*Lily Geraghty*  Midwifery Student
This degree will lead to eligibility to register with the Nursing and Midwifery Council (NMC) as an Adult Nurse. On qualification, you can work in a range of healthcare settings, both in the United Kingdom and abroad. We strive to make you the best adult nurse you can be. That’s why 100% of our nursing students are in employment or further study after 6 months of graduating (UNISTATS 2018).

“Cardiff University offers clinical placements in the University Hospital of Wales; a well-established hospital which will provide me with valuable experience and open doors for me in the future.”

Kayleigh Griffiths  Adult Nursing Student

**Child Nursing**

Our programme provides you with the skills and knowledge to become a registered children’s nurse after three years and offers you the opportunity to make a real difference to children’s lives; a value that few other professions can offer.

Children’s nurses provide support and care to children, adolescents and their families.

The role can involve everything from nursing a sick new-born baby, to caring for an adolescent road accident victim. A child nurse needs to interpret children’s behaviour and reactions and be able to spot when a child’s health deteriorates, which can often happen rapidly. Children have very specific health needs and children’s nurses are practiced within a family-centred care approach, where children, young people and their carers are actively supported to become involved in care decisions.

“Cardiff University offers clinical placements in the University Hospital of Wales; a well-established hospital which will provide me with valuable experience and open doors for me in the future.”

Kayleigh Griffiths  Adult Nursing Student

You will have the opportunity to learn in a variety of settings

**Mental Health Nursing**

Validated by the Nursing and Midwifery Council (NMC) our valued and challenging mental health nursing course prepares you for a rewarding and stimulating career.

Mental health nurses offer help and support to people of all ages, their families and carers to support recovery from a variety of mental health conditions. The role is diverse; you might help one person to begin to understand their experience of disorder, while engaging another about relevant therapies that can help with their recovery. Mental health care can be delivered by nurses in a variety of contexts, such as specialist hospitals, community settings and people’s own homes. Whilst the key role of the mental health nurse is to form meaningful therapeutic relationships it is imperative that they are able to provide holistic and recovery focused care, and these are principles and skills you will develop through our programme.

While you will specialise in mental health nursing from the start of the course, the integrated nature of teaching means you will share ideas and learn with those studying children’s and adult nursing.

Our supportive mental health lecturers provide diverse and interesting learning opportunities which will include simulated practice in our specially designed communication booths. This allows students to touch on emotive areas, reflecting the real world of mental health nursing practice in a safe and supportive environment.

You will spend approximately 50% of your time on placement. Our placements include teams working with children and young people in community and hospital settings.
You will experience a broad range of clinical contexts which could include areas such as crisis intervention, psychiatric intensive care units, addictions services and forensic mental health.

Completing this degree will allow registration with the Nursing and Midwifery Council (NMC) as a Mental Health Nurse. It will ensure you are fit for practice at the point of registration and equipped to develop your career.

“I would recommend studying Mental Health Nursing at Cardiff University. I hope to work in areas such as acute mental health in-patient facilities, rehabilitation and the community.”

Rebecca Farman
Mental Health Nursing Student

Occupational Therapy

Ranked joint 1st in the UK by the Complete University Guide 2019, our Occupational Therapy programme aims to qualify you as an Occupational Therapist.

As a qualified occupational therapist you will work with a variety of people who, for reasons of ill-health, disability, trauma or adverse social circumstances, face barriers and challenges which prevent them from undertaking the activities (or occupations) that matter to them. You could be helping someone to adjust to life after major surgery one day, to helping people suffering from mental illness get back into everyday activities, such as work, the next day.

Our programme is approved by the World Federation of Occupational Therapists (WFOT) which means that your qualification will be recognised in around 60 countries worldwide, enhancing your opportunities for international employment. With over 50 years of experience in delivering occupational therapy education, our stimulating blended programme provides you with the opportunity to engage in both academic study and placement education.

You’ll receive close academic support from experienced personal tutors and be taught and supported by experienced staff, whilst sharing ideas within a close-knit class.

You’ll get to learn in our dedicated activity daily living suite and occupational therapy clinic, providing you with the chance to practice theory and also observe and assist with assessment and treatment of real clients with developmental disabilities.

You’ll spend an important amount of your learning time on placement in Wales that is supported by experienced occupational therapy educators. A varied placement experience will allow you to integrate your academic theory with practice and gain insight into the real world of care and to the wide-ranging employment opportunities available to you upon qualification.

Once you have successfully completed the course you will be eligible to register with the Health and Care Professions Council (HCPC) and be eligible to gain a professional membership of the Royal College of Occupational Therapists (RCOT).

Occupational Therapy (PgDip) Pre-registration

Our Two-Year accelerated programme aims to qualify those who already hold a degree (with a minimum grade of 2.2 in any subject) as an occupational therapist. On successful completion, you will be eligible to register with the Health and Care Professions Council (HCPC) and have the opportunity to continue onto the MSc in Health and Occupation, available as a stand-alone dissertation module, which will enable you to top up your qualification to a full MSc degree.

“I chose Cardiff University because it’s got great facilities, for example the activity daily living suite and simulation suite for Occupational Therapy.”

Liam Hanson
Occupational Therapy Student

Operating Department Practice

Join us and study at the only higher education institution in Wales and the only Russell Group University offering BSc Operating Department Practice.

It’s an exciting, challenging and rewarding career choice which is very unique and practical. Operating Department Practitioners (ODPs) are vital members of a multidisciplinary team. They support patient’s emotional, psychological and physical wellbeing throughout the perioperative journey, whilst ensuring that appropriate resources are available to meet the high level of patient care required. This can be in anaesthetics, such as preparation of a wide range of specialist equipment ensuring it meets the patient’s individual needs. In surgery, such as being responsible for preparation and use of surgical instruments. Finally, in post anaesthetic care, such as providing monitoring and appropriate interventions until the patient has recovered appropriately from the effects of anaesthesia and surgery.

You’ll be taught skills that encompass all of these phases in both your academic study and clinical placements.

You will have great facilities, for example the activity daily living suite and simulation suite for Occupational Therapy.”

Tiffanie Shawcroft
Operating Department Practice Student

Within academic study, not only do you get support from a Personal Tutor and an innovative team of academics in a close-knit cohort, you will be supported in our recently refurbished simulation suite, which resembles a real perioperative environment. Giving you the chance to practice your theory knowledge and skills before going out into practice.

Your clinical placements take up approximately 60% of your study and take place throughout Wales; working alongside dedicated placement mentors, knowledgeable perioperative professionals and real patients. You’ll experience a diverse range of clinical environments, ensuring you are prepared for the employment market. That’s why 100% of our students are in employment or further study after 6 months of graduating (UNISTATS 2018).

After qualifying, most ODPs are primarily based in the operating department, but can also work in areas as diverse as accident and emergency, intensive care units, addictions, endoscopy and as members of the cardiac arrest team, to name but a few.

On completion you will be eligible to apply to the Health and Care Professions Council (HCPC) for registration as a registered Operating Department Practitioner.

“With their outstanding reputation for nurturing and supporting their students, state-of-the-art facilities and knowledgeable lecturers. I knew that this was the place where I could grow.”

Tiffanie Shawcroft
Operating Department Practice Student
Choosing Physiotherapy at Cardiff, means you will be studying at one of the Top 3 Physiotherapy courses in the UK as ranked by The Times and Sunday Times Good University Guide 2019.

Physiotherapy helps to restore movement and function when someone is affected by injury, illness or disability through movement and exercise, manual therapy education and advice. It can also be used to reduce the risk of injury or illness in the future. This degree aims to qualify you as a formally registered Physiotherapist who will have the ability to work in a multi-disciplinary team in various settings.

Our hands-on course offers you the chance to study through both academic and practical learning. Your academic learning will be supported by internationally recognised researchers and academics. Practical teaching takes place in specially designed labs and simulation suites and boasts state-of-the-art equipment, such as an anti-gravity treadmill and a motion capture centre.

Placement learning across Wales is also an essential part of the course and it will give you the confidence and skills to practice physiotherapy professionally in real-life situations with qualified professionals.

We constantly strive to make sure you have plenty of opportunity to take part in extra-curricular activities, such as physiotherapy-related support with the annual Cardiff Half Marathon.

Our course is validated by the Health and Care Professions Council (HCPC) and the Chartered Society of Physiotherapy (CSP), meaning upon successful completion of the degree you can register as a qualified physiotherapist.

"The wide variety of practical and theoretical work means each day is different! It could range from massage, dissection and electrotherapy to hydrotherapy, body paint... and so much more!"

Lizzie Russell  Physiotherapy Student

---

Our Diagnostic Radiography and Imaging programme is ranked in the Top 5 by The Times and Sunday Times Good University Guide 2019.

Our full-time 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.

Diagnostic radiographers are key members of the healthcare team. They operate a wide range of imaging equipment available in modern medical practice, including computed tomography, magnetic resonance imaging, diagnostic ultrasound and X-ray equipment. As a diagnostic radiographer you will be responsible for providing comprehensive care for patients, from newborn children to the elderly, producing and interpreting images to be used in the diagnosis of injury and disease. By the end of the course you will have a thorough knowledge of the professional and clinical aspects of diagnostic radiography, including the wide range of imaging technologies in use today.

Our course aims to immerse you in all aspects of Radiography practice; both practical and theoretical. Practical teaching takes place in our dedicated diagnostic facilities, including a functional diagnostic X-ray room and an image viewing suite, all supported by simulation software that you have access to.

You will receive close academic support from experienced personal tutors and be taught and supported by experienced staff.

We have close working relationships with NHS Trusts across Wales and you will benefit from placements supported by experienced Radiography placement educators. An original research project represents the culmination of your three years of study. The research methods component of the syllabus equips you with the necessary skills for ongoing professional development and evidence-based practice.

Upon successful completion of the course you will be able to qualify as a Diagnostic Radiographer with the Health and Care Professions Council (HCPC).

"Placement is a brilliant opportunity to put my learning into practice and build my confidence."

Lleucu Walters  Radiography Student

---

Join our programme, which is ranked by the Complete University Guide 2019 (under Medical Technology) as one of the Top 2 UK radiotherapy providers. Both the Health and Care Professions Council (HCPC) and Society and College of Radiographers accredit us.

Therapeutic radiographers play a key role in the treatment and care of people with cancer. This challenging yet rewarding profession uses high energy ionising radiations in the treatment of malignant and non-malignant disease.

You will be introduced to behavioural, imaging and radiation sciences and be supported to develop a firm understanding of human anatomy, physiology and cancer as a disease process and a human predicament.

As a therapeutic radiographer you will work closely with doctors, medical physicists and other members of the healthcare team, to provide personal and supportive care to all ages. These people often have a life threatening disease. You will work closely at all stages of a person’s treatment including pre-treatment support, planning the radiotherapy, treatment delivery and evaluation management of side effects and post-treatment support.

We offer an integrated mixture of university-based study and practice placements in the clinical setting. You also will learn alongside supportive lecturers in dedicated simulation facilities. Our Virtual Environment for Radiotherapy (VERT) suite is used to enhance your 3-dimensional anatomy learning as well as specific radiotherapy-related skills. Plus our specially designed mould room allows you to practice and develop skills which are not always available to students in the clinical setting.

We work collaboratively with NHS organisations across Wales to provide you with varied practice placements, so that you are competitive in the employment market upon qualification.

You will have the opportunity to explore an original research project, which represents the culmination of your three years of study. This research study aims to equip you with the necessary skills for ongoing professional development and evidence-based practice.

Upon successful completion of the course you will be able to qualify as a Therapeutic Radiographer with the HCPC.

"I love studying radiotherapy at Cardiff because it’s a combination of academic and clinical learning. You could be studying the oncology of an organ one week and the next week you’ll be putting your knowledge to practice in department."

Sophie Johannson  Radiotherapy Student
Why choose **History, Archaeology and Religion** at Cardiff?

We provide **dynamic and supportive teaching** across an exciting range of complementary subjects.

**96%** of our graduates are in employment and/or further study six months after graduating.*

**89%** of our students were satisfied overall.*

We offer a **Year Abroad Option** for the majority of our programmes, including all of our Single Honours.

More than **70%** of our submitted research was rated as “*internationally excellent*” or “*world-leading*”.*

---

*See page 40 for details of statistical sources.

---

*www.cardiff.ac.uk/courses*
## Degree Programmes/UCAS Codes

### Single Honours

<table>
<thead>
<tr>
<th>Programme</th>
<th>UCAS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient History BA (3 years)</td>
<td>V110</td>
</tr>
<tr>
<td>Ancient and Medieval History BA (Integrated programme) (3 years)</td>
<td>V116</td>
</tr>
<tr>
<td>Archaeology BA (3 years)</td>
<td>F400</td>
</tr>
<tr>
<td>Archaeology BSc (3 years)</td>
<td>F402</td>
</tr>
<tr>
<td>Archaeology and Ancient History BA (Integrated programme) (3 years)</td>
<td>VVC4</td>
</tr>
<tr>
<td>Archaeology and Medieval History BA (Integrated programme) (3 years)</td>
<td>VV1K</td>
</tr>
<tr>
<td>Conservation of Objects in Museums and Archaeology BSc (3 years)</td>
<td>F481</td>
</tr>
<tr>
<td>History BA (3 years)</td>
<td>V100</td>
</tr>
<tr>
<td>History with Welsh History BA (3 years)</td>
<td>V1V2</td>
</tr>
<tr>
<td>Modern History and Politics BScEcon</td>
<td>LV21</td>
</tr>
<tr>
<td>Religion and Theology BA (3 years)</td>
<td>V6V6</td>
</tr>
</tbody>
</table>

### Joint Honours

<table>
<thead>
<tr>
<th>Programme</th>
<th>UCAS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient History and History BA (3 years)</td>
<td>V117</td>
</tr>
<tr>
<td>Ancient History and Religious Studies BA (3 years)</td>
<td>VVQ1</td>
</tr>
<tr>
<td>Archaeology and Religious Studies BA (3 years)</td>
<td>VV64</td>
</tr>
<tr>
<td>History and Archaeology BA (3 years)</td>
<td>VV14</td>
</tr>
<tr>
<td>History and Religious Studies BA (3 years)</td>
<td>VV61</td>
</tr>
</tbody>
</table>

### Other Joint Honours BA - see page 146

- Ancient History and another Humanities subject
- History and another Humanities subject
- Archaeology and another Humanities subject
- History and another Humanities or Social Science subject
- Religious Studies and another Humanities or Social Science subject

### Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

- **A-level:**
  - Ancient History: ABB-BBB
  - Archaeology BA and BSc: BBB-BBC
  - Conservation: BBB-BBC
  - History (Single Honours): ABB at A-Level, including B in A level History.
  - Modern History and Politics: ABB at A-Level, including B in A level History.
  - Religion and Theology: BBB-BBC
  - Joint Honours programmes with History: range from AAB to ABB (see information on individual degree programmes).

- **Other Degree Programmes within the School:** range from AAB to BBB.

- **WBA:** The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

- **IB:** 28-36 points including scores of 5/4 at Higher Level.

- **Joint Honours with History:** 30-34 points, to include 6 in History at Higher Level.

- **History:** 30-34 points, to include 6 in History at Higher Level and 6 in another subject at Higher Level.

- **Other:** Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience. Please contact us for further information. An A in Extended Project Qualification will be accepted in combination with A level grades listed above. Please check individual degree criteria on our website for more details.

- **All Degrees**
  - **A-level:** General Studies and Critical Thinking are excluded.
  - **GCSE Requirements** (or equivalent): GCSE English Language at Grade C or Grade 4.
  - See page 153 for information about GCSE equivalencies.

### Careers

A Humanities degree is relevant for a very wide variety of careers, particularly industry and business, the Civil Service and local government, law, journalism and the media, where employers are looking for people who are articulate, capable of both thinking for themselves and tackling problems intelligently. Our graduates also choose careers in related fields as professional archaeologists, museum or archive specialists, teachers and lecturers. Most Conservation graduates remain within their chosen field.

#### Job roles

- Broadcast journalist, lawyer, field archaeologist, care of collections officer, preventative conservator, assistant chaplain and teacher.

#### Employers

Local government departments, universities, public libraries plus organisations such as the Church in Wales, Cambridge Museum of Archaeology and Anthropology and the Department of Education.

## Applications Information

### Typical places: 300

### Typical applications: 1,650

### Find Out More

- **Web:** [www.cardiff.ac.uk/courses](http://www.cardiff.ac.uk/courses)
- **Download the School Brochure:** [www.cardiff.ac.uk/pubs/ug](http://www.cardiff.ac.uk/pubs/ug)
- **Admissions Enquiries:**
  - Archaeology: Dr Ben Jervis
  - History: Dr Bronach Kane
  - Ancient History: Dr Louis Rawlings
  - Conservation: Dr Nicola Emmerson / Professor David Watkinson
  - Religious Studies: Dr Michael Munnik
- **Tel:** (029) 2087 4470
- **Email:** share-admissions@cardiff.ac.uk
- **Facebook:** [CardiffUniHistArchRel](https://www.facebook.com/CardiffUniHistArchRel)
- **Twitter:** @CUHistArchRel

---

www.cardiff.ac.uk/history-archaeology-religion
With our exciting range of degree programmes, you can study the past and beliefs from the Palaeolithic to the present day.

We offer the opportunity for Single Honours students to spend a year studying abroad in an exciting range of countries across the globe. A well-resourced School, we have a strong record of excellent research-inspired teaching which is reflected in all our student satisfaction surveys and in the supportive learning environment in the School.

**BA History**

Investigate past worlds and processes of change by examining key events and personalities from 1,500 years of history.

You will re-evaluate existing understandings of the past to create new and original interpretations of your own. We enhance and extend your historical knowledge and skills from the medieval to the modern.

You develop skills as an independent thinker and learner, enabling you to research topics comprehensively and interpret original sources from a diversity of places and periods.

Taught by leading academics, you can explore the history of societies in diverse parts of the globe, including Europe (particularly Britain, France and Germany), China, India and Russia.

Topics range from the Nazi New Order in the twentieth century to the British civil wars of the seventeenth, from medieval sexuality to the cultural consequences of World War One, and from 18th century crime and punishment to the economic history of 20th century Europe.

You have growing freedom of choice of modules, with the core modules of History in Practice (Year One), Approaches to History and Exploring Historical Debate (Year Two).

You choose further modules each year, culminating in your choice of three advanced optional modules, including a dissertation in your final year.

**BA History with Welsh History**

Explore Wales’ dynamic modern history within a global context. Offering an in-depth understanding of the history of Wales and the Welsh, our respected programme enables you to reflect upon the country’s international contribution. Teaching in a number of modules is available in Welsh.

**BA Ancient History**

Study history from the earliest Mediterranean civilisations to the Byzantine Empire.

Dedicated to the understanding of past societies through the interpretation of ancient evidence, we explore literary, epigraphic and archaeological material, to bring you closer to this fascinating subject.

Our first year modules give you a grounding in the most influential periods and themes, and the skills to investigate the past. In your final two years, you build your degree around your interests, with the freedom to choose from a comprehensive range of modules on topics ranging from warfare, religion and politics to art, medicine, gender and ethnicity.

Whatever period or culture fascinates you, for example: ancient Persia, Greece, the conquests of Alexander the Great, or Rome and its empire, our courses will develop and enrich your knowledge and understanding. Studying all texts in English translation, we also offer language options in ancient Greek and Latin.

**BA/BSc Archaeology**

Investigate the material remains of past societies and cultures, from the earliest humans to the present day. Equipping you with both practical and academic skills, our respected programmes can open up careers within the heritage sector and beyond.

We focus on the archaeology of the British Isles, Europe, the Mediterranean and Egypt.

You can choose our BA or BSc option. BSc Archaeology places a stronger emphasis on science, but the degree structures are very similar.

You can combine the study of specific periods - from the origins of agriculture in the Neolithic to the archaeology of Egypt, Greece, the Romans, Vikings and medieval Britain - with the acquisition of practical skills. All studies take place in purpose-built lecture theatres and teaching laboratories, with additional access to our specialist bioarchaeology and materials analysis laboratories.

We place a strong focus on practical modules, including bioarchaeology, artefact analysis, forensics and surveying. You undertake at least eight weeks of funded practical placement, usually on an excavation or in a museum within the UK or overseas. You also undertake your own research, investigating a chosen topic of interest (Independent Archaeological Study in Year Two), potentially progressing to a dissertation option in your final year.

Fundamentally, we encourage you to develop a critical attitude, founded upon sound practical experience - you will become an archaeologist by doing Archaeology, not just reading about it.

Located next to the Arts and Social Studies Library in the John Percival Building, our facilities include purpose-built laboratories for those studying Archaeology or Conservation, as well as a range of photographic and drawing facilities, and specialist Conservation and Religious Studies libraries.

Cardiff Connected

“...the calibre of the tutors and lecturers at Cardiff is incredible. I wanted to do a joint honours course because it meant I would get to continue studying the two subjects I love the most, and Cardiff has great English and History departments. I was able to spend my entire second year at the University of Connecticut, which allowed me to study US and Native American history where it all happened. It was a truly incredible opportunity!”

Enfys English Literature and History

www.cardiff.ac.uk/courses
BSc Conservation of Objects in Museums and Archaeology

Our vocational programme offers a blend of science and art, focusing on the study and preservation of cultural objects. Providing a first-step into conservation, our programme is led by an expert team with a global reputation. You learn to co-ordinate the scientific investigation of artefacts and understand more about their composition and technology.

You study the structure, decay and conservation of cultural materials, progressing into practical work treating a wide variety of archaeological and historical artefacts from museums, excavations and historic houses across the UK, ranging from everyday 20th century objects to artefacts created millennia ago. You will have access to a suite of analytical facilities, including electron microscope and Fourier Transform Infrared microscopy.

One of the most rewarding aspects of our programme is an eight-week museum or archaeological unit placement in the UK or abroad.

BA Religion and Theology

In our richly rewarding degree you will explore the histories, cultures and beliefs of both major and less well known traditions, taking your pick of thematic, historical, textual and social scientific approaches.

You tailor your own programme, where you combine thematic, social scientific, linguistic and historical approaches, addressing both the history and basic beliefs of religious traditions and their thematic study, from religion in the media to mythology in modern cinema. Examining religious history and culture across a broad spectrum, you will also consider the political and social dimensions of religion, from gender and sexuality to warfare and social ethics.

In Year One, you study The Origins and Legacies of Religion in the Modern World and Themes and Issues in the Study of Religion, with optional modules in Theology and Scriptural Languages (typically Hebrew, Greek, Sanskrit or Arabic). In Year Two, you take What is Religion? and choose four options from our five key areas of enquiry: World Religions; Scriptural Languages; Theology and Ethics; Textual Studies; and Thematic Studies. You also study a single topic or text in depth with either a supervised independent study or translation (subject to your choice of Year One options). In your final year, you take three advanced options, choosing from our key areas of enquiry. Your studies culminate with your dissertation or extended translation of a religious text.

BA Ancient and Medieval History

Our integrated programmes allow you to investigate the past and benefit from leading experts in two complementary disciplines. Our modules equip you with the skills to interpret a broad range of evidence by adopting different methodological approaches.

BA Archaeology and Ancient History

Our integrated programmes allow you to investigate the past and benefit from leading experts in two complementary disciplines. Our modules equip you with the skills to interpret a broad range of evidence by adopting different methodological approaches.

BA Archaeology and Medieval History

Our integrated programmes allow you to investigate the past and benefit from leading experts in two complementary disciplines. Our modules equip you with the skills to interpret a broad range of evidence by adopting different methodological approaches.

BScEcon Modern History and Politics

Investigate the great political problems of the past and present informed by their historical context.

This integrated degree allows you to engage with a wide range of subject areas from the modern world through a generous choice of option modules on historical and political themes. Jointly taught with the School of Law and Politics, our broad-ranging programme is designed to develop a critical understanding of pressing issues in modern public life.

Studying Abroad

Many of our courses are now available as four-year options to include a year of study abroad. Students apply for the three-year course of their choice in the normal way and then have the opportunity to transfer onto the four-year study abroad programme early in their second year.

Methods of Teaching

We place value on small teaching groups and tutorials, and on contact with you. We believe that seminars and tutorials are an essential part of learning: allowing you to develop your skills in setting out your ideas and arguments and in communicating your knowledge. These skills are further developed through our wide range of assessment methods.

Methods of Assessment

Many of the modules we teach lead to written examination papers, but a range of other assessment methods are used. Most degree programmes include a final year dissertation, and most include a substantial element of coursework assessment. Presentation skills form part of the assessment on some modules. Continuously assessed laboratory work is used in Archaeology and Conservation.

Admissions Procedure

We base the majority of our admissions decisions on UCAS applications only. Some applicants with unique circumstances may be asked to come to an interview. If you apply, and are made an offer, you will be invited to one of our Open Days between January and March.

Further Information

Joint Honours Degree Programmes

For further information about our wide range of Joint Honours degree programmes, please also see page 146.
Degree Programmes/ UCAS Codes

Single Honours

Media, Journalism and Culture BA  R5V2
Journalism and Communications BA  0N3D
Media and Communications BA  3M7D

Joint Honours

Journalism, Communications and Politics BA  J323
Journalism, Media and English Literature BA  PQ53
Journalism, Media and Sociology BA  LP35
Welsh and Journalism BA  PQ55

Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

**Single Honours:**

ABB: No specific subjects. Please note General Studies and Critical Thinking will not be accepted.

**Joint Honours:**

Offers for Joint Honours are normally the same as for Single Honours, except when one subject requires higher grades than the other.

BA in Journalism, Media and English Literature requires AAB, including an A in English Literature, or English Literature and Language, or Creative Writing. General Studies is not accepted.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

IB: 33 points (including 6 points in English) or 665 at Higher Level.

Other: Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience.

International students should have achieved an overall IELTS score of 7 (with a sub-score of 6.5 in writing and 6 in all other sub scores) or similar evidence of strong English language proficiency.

Applications Information

Typical places: 180  Typical applications: 1,000

Find Out More

Web: [www.cardiff.ac.uk/courses](http://www.cardiff.ac.uk/courses)
Download the School Brochure: [www.cardiff.ac.uk/pubs/ug](http://www.cardiff.ac.uk/pubs/ug)
Admissions Tutor: Dr Ross Garner
Tel: (029) 2087 5475 / (029) 2087 4187
Email: jomecstudentssupport@cardiff.ac.uk
Welsh Language Admissions Tutor: Sian Morgan Lloyd
Tel: (029) 2087 6843

Facebook.com/cardiffjomec  @CardiffJomec

Careers

Recent examples of entry level jobs include: Content Author, Digital Media Executive, Social Media Policy Advisor, Research Intern, Editorial Intern, Reporter, PR Assistant, Policy Intern, Campaign Executive, Teaching Assistant, Project Manager, SEO Copywriter and Writer.

**Job roles**

Having progressed from entry-level jobs our alumni now hold numerous media and administration roles. Job examples include: TV Producer, Business Entrepreneur, Fashion Designer, Copywriter, PR Executive, Blogger, Teacher and Journalist.

Many of our graduates progress onto postgraduate journalism and communications degrees, available at Cardiff University and elsewhere, and from there to various jobs in the media.

Cardiff Connected

“Studying here has allowed me to learn about subjects that are crucial in order to understand the world around me. It gave me an opportunity to think about new ideas regarding culture, identity, the influence of the media, the role of journalists, comedy, TV, sport, music and ultimately how all these factors intertwine.”

Guto  BA Graduate
Our degree programmes study the many facets of journalism, media, culture and communications, in an era of globalisation. The excellent quality of our teaching, research and scholarship and its value to our graduates is recognised across the world.

Within the UK, we are ranked third best for journalism and public relations by the Guardian. Across Europe we are ranked fourth, and globally, twenty-third for communications and media studies by the latest QS World University Rankings by Subject.

A New Chapter
Since September 2018, the School’s new home is a state-of-the-art building in Cardiff’s Central Square Development, situated alongside national broadcaster BBC Wales, and in close proximity to other media organisations. Our world-class facilities enhance our industry-academic interface, putting us at the heart of a vibrant media environment, in the city centre.

Your Study Experience
We are proud that our staff include some of the world’s leading writers, researchers and thinkers in the fields of journalism, media and communication. They work alongside professional colleagues who have enjoyed outstanding careers in journalism, the cultural and creative industries, or public relations.

You will be assigned a Personal Tutor for the duration of your degree. Meetings with your tutor will be used to discuss your academic progress, provide feedback and advice, and to make future plans. All our degrees also offer several optional modules taught through the medium of Welsh.

Quality Research
Research quality is measured in the UK by the Government’s Research Excellence Framework. In the last assessment exercise, we were ranked second in the country for our media and communication research, which is recognised internationally as one of our major strengths.

Career Prospects
The nationally recognised Destinations of Leavers from Higher Education (DLHE) survey found more than 96% of our graduates were in employment or further study six months after graduation.

Your studies with us will provide you with a highly sought after media and communications education, which includes the ability to research, write and critique according to the highest academic standards, coupled with dynamic presentation and team-working skills.

**BA Media, Journalism and Culture**
This degree aims to ensure that following your time studying with us, you will have become both a critically aware citizen, and a well-informed consumer in our media saturated society.

We begin with the assumption that in order to understand modern society, we need to understand the central role that media and the cultural industries play in that society.

You will study the production, content and reception of media and the cultural industries, with particular emphasis on understanding the social production and circulation of meanings and ideas.

You will develop skills in the close analysis of different media texts, including print, visual, audio and moving images. While you are able to take a number of more practical modules, the emphasis of the degree is academic and analytical.

**BA Journalism and Communications**
The aim of the degree is to provide you with an analytical and practical understanding of Journalism and Communications and their integral role in both historical and present day contexts.

You will develop academic, professional and digital literacies that are invaluable in the workplace and, while you are able to take a number of practical modules, the emphasis of the degree is academic and analytical.

We will expect you to produce digital portfolios and practice journalistic writing skills across a number of platforms including online, broadcast, print and magazines. You will also pitch ideas for new editorial products and businesses, and in doing so you will use a variety of digital tools to produce graphics, blogs and social media campaigns.

**BA Journalism, Communications and Politics**
This Joint Honours degree is delivered in partnership by the School of Journalism, Media and Culture and the School of Law and Politics. It offers you the opportunity to explore the current debates in media studies and political science. This degree analyses and reflects upon changes to both politics and policy driven by the growth of social media, the communications industry and the 24/7 news cycle. You will benefit from teaching led by experts in the fields of journalism and media studies on the one hand and political science and government on the other.

**BA Journalism, Media and English Literature**
This Joint Honours degree is delivered by the School of English, Communication and Philosophy and the School of Journalism, Media and Culture. The degree examines the media in its growth and historical and cultural significance in shaping our lives, whilst also offering a critical analysis of a range of texts from different periods, together with the exploration of complex ideas.

**BA Journalism, Media and Sociology**
This Joint Honours degree is delivered in partnership by the School of Social Sciences and the School of Journalism, Media and Culture. It offers you the opportunity to explore current debates in sociological concepts and methods, communications and media studies. This modern degree enables students to make sense of society and the role of mass communications in an era of globalisation and social change.

**BA Welsh and Journalism**
You have the opportunity to study Joint Honours Welsh and Journalism, through the medium of Welsh, with this unique course. It has been designed in response to the high demand for journalists with Welsh language and journalistic skills. The course will combine academic rigour and analysis with the opportunity for work experience and practical extra-curricular activities. The course aims to produce graduates with a thorough academic and practical understanding of the Welsh language, its literature and culture, a high level of skill in written and spoken Welsh and well-developed employability and creative skills relevant to modern Wales.
Law

Why choose Law at Cardiff?

The Cardiff Law Library is described as ‘outstanding’ by the Higher Education Funding Council for Wales.

95% of our graduates are in employment and/or further study six months after graduating.*

Practice and develop your employability skills via our Pro Bono partnerships with charities, lawyers and voluntary organisations.

Our long standing relationship with Hugh James Solicitors won ‘Best Collaboration between a University and Employer’ award at 2017’s National Undergraduate Employability Awards.

100% of our submitted research was classed as “international standard” with 84% classed as “internationally excellent” or “world-leading”.*

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

<table>
<thead>
<tr>
<th>Programme</th>
<th>UCAS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Law LLB</td>
<td>M100</td>
</tr>
<tr>
<td>Law and French LLB</td>
<td>RM11</td>
</tr>
<tr>
<td>Law and Criminology LLB</td>
<td>M190</td>
</tr>
<tr>
<td>Law and Politics LLB</td>
<td>ML12</td>
</tr>
<tr>
<td>Law and Sociology LLB</td>
<td>ML13</td>
</tr>
<tr>
<td>Law and Welsh LLB</td>
<td>MQ15</td>
</tr>
</tbody>
</table>

Accreditation
Our programmes are accredited by the Solicitors Regulation Authority (SRA) and the Bar Standards Board.

Typical Entry Requirements
These typical requirements are for guidance. Please check our website for latest information.

A-level: Law: AAB-ABBB
Law and French: AAB-ABBB (to include Grade B in French).
Law and Welsh: AAB-ABBB (to include Grade B in Welsh first language).
Law and Criminology/Politics/Sociology: AAB-ABBB.

There are no specific subjects required. However, we require a minimum of two facilitating academic subjects. Please check website for more information.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

IB: 35 points or 666 at Higher Level.

Other: Applications from those offering alternative qualifications are welcome. Please contact us for more information.

All Degrees

GCSE Requirements (or equivalent):
GCSE English Language at Grade B or Grade 6.
See page 153 for information about GCSE equivalencies.

We offer LLB Law students (M100) the opportunity to apply to study abroad.
Study currently takes place in Madrid, Prague or Warsaw at one of our European partner institutions.

Applications Information
Typical places: 250  Typical applications: 1,700

Find Out More
Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Enquiries:
Tel: (029) 2087 5406
Email: lawpladmissions@cardiff.ac.uk
Facebook.com/cardifflawschool  @CardiffLaw

Careers
We work in partnership with lawyers, charities and voluntary organisations to give you the opportunity to practise and extend your skills through a variety of pro bono schemes.

Our students have:
• Helped overturn two convictions at the Court of Appeal through their work as part of the innocence project.
• Reclaimed thousands of pounds for individuals and/or families who have paid private nursing home fees.
• Provided legal support for rugby clubs and players.
• Supported vulnerable adults who have been arrested.

Our graduates occupy key positions in the legal profession, business, industry and government, in the UK, the European Union and beyond. To assist you in your career planning, we have a dedicated Law Careers Advisor, and we provide a comprehensive careers programme.

Cardiff Connected
“I have been fortunate enough to successfully gain a Training Contract with Allen & Overy LLP. Cardiff University has thoroughly prepared me for the reality of life as a commercial solicitor. My academic endeavours and practical experiences gained there have enabled me to develop the ability to identify, analyse and provide solutions to contemporary commercial issues facing the legal profession, firms and their clients.”

Huw  LLB 2017
The School of Law and Politics has an outstanding reputation for first-class teaching, underpinned by internationally renowned research.

You will be taught by world-leading experts and gain hands-on experience of the law through an impressive range of extra curricular opportunities. We have excellent rates of student satisfaction and provide an intellectually stimulating, supportive and friendly place in which to study.

All of our law programmes are currently qualifying degrees for legal practice in England and Wales. As well as the traditional LLB degree, we offer LLB degrees in Law and Criminology, Law and Politics, Law and Sociology, and Law and Welsh, and a Four-Year LLB degree in Law and French.

These multidisciplinary programmes involve close integration between Law and the partner discipline and draw on the strengths and specialisations of the University as a whole.

LLB Degree in Law

This is a three-year Honours degree programme. Year One comprises 120 credits of compulsory modules. Years Two and Three each comprise 120 credits of modules to be chosen from a list of optional subjects.

The final Honours classification is based on the Year Two and Final Year examinations.

A variety of methods of assessment are adopted in different modules, ranging from unseen written examination papers to coursework assessment.

The course structure is as follows:

Year One

Modules in Contract Law, Legal Foundations, Public Law and Criminal Law.

Years Two and Three

In Years Two and Three, you pursue modules amounting to 120 credits in each year, chosen from the list of optional subjects normally available for that year of study. This list is kept under review on an annual basis. This academic year, for example, the options available are:

Year Two

- Tort Law
- Land Law
- Crime, Law and Society
- Discrimination and Law
- Evidence
- French Law
- Law and Literature
- Law Practice and Legal Clinic Foundation Skills
- Legal Rights and Civil Justice
- Media Law
- Sociology of Law
- Welsh Devolution
- Cymraeg Y Gyfraith (Legal Welsh)

Year Three

- EU Law
- Equity and Trusts
- Administrative Law
- Commercial Law
- Company Law
- Competition Law and Policy
- Devolution in Practice: Welsh Law and Politics Work Placement
- Environmental Law and Justice
- Family Law
- Global Problems and Legal Theory
- Healthcare, Ethics and Law
- Human Rights Law
- Intellectual Property
- Legal History
- Public International Law
- Sports Law

LLB Law and French

Cardiff was one of the first UK universities to offer the opportunity of studying English Law, not only in conjunction with a modern language, but also with the legal system of the nation concerned. Currently, we offer this programme with French. The combination of legal training and language study during the required four years is an excellent preparation for work in an international context, whether in industry, commerce, diplomacy or legal practice. Academically, the opportunity this programme affords for comparison of differing legal systems and concepts widens your intellectual horizons and deepens your appreciation of the basic legal institutions.

Year One

You study 120 credits: 40 are French language modules and 80 are Law modules (Contract Law, Legal Foundations, Public Law and Criminal Law).

Year Two

This year includes an advanced course in French language and a compulsory course introducing the legal system of France. The remaining modules can be chosen from the list of Law subjects available.

Year Abroad

Your year abroad will be spent in the Law Faculty of a French university. Currently, Law and French students go to Amiens, Nantes, Rennes or Toulouse. You will follow a programme in both French language and law. While there, you will be required to start written projects for both the School of Law and Politics and the School of Modern Languages, which you will complete in your final year.

If you study Law and French you will have the opportunity to obtain a double diploma in law; the LLB Law and French and the French Licence (French national law degree). This is available during the year abroad in Nantes and Amiens.

Final Year

You study 120 credits: a proportion of these credits continue work in the relevant language, while the rest must be chosen from the options offered by the School of Law and Politics and the School of Modern Languages.

LLB Law and Welsh

The LLB degree in Law and Welsh enables you to combine study of Law and Welsh and to consider legal issues of particular relevance to Wales. You study 120 credits in each year, with 80 credits in Law and 40 credits from the School of Welsh.

Year One

You study 120 credits: 40 from the School of Welsh and 80 in Contract Law, Legal Foundations, Public Law and Criminal Law.

Years Two and Three

There are compulsory subjects in both years. In the second year these are Datganiol yng Nghymru (a piece of written work on a topic of your own choice). You then choose your remaining modules from a wide range of options in the School of Law and Politics and the School of Welsh.

LLB Law and Politics

In each year of the degree programme, you study modules to the value of 120 credits. You will take 80 credits in Law with the 40 remaining credits taken in either Sociology, Criminology or Politics and International Relations modules, depending on which subject you have opted for.

The optional Law modules in Years Two and Three are chosen from the list of subjects available in the year in question. The non-Law modules are chosen from those offered by the School of Social Sciences and the Department of Politics and International Relations.

Year One

You study 120 credits: 40 relate to Criminology, Politics or Sociology, and 80 are in Law: Contract Law, Legal Foundations, Public Law and Criminal Law.

Years Two and Three

120 credits are taken in each year with 80 credits in law modules and the remaining modules in Criminology, Sociology or Politics and International Relations.
The non-law modules must be chosen from those in Criminology or Sociology offered by the School of Social Sciences, or in Politics offered by the Department of Politics and International Relations. Further details can be obtained from these Academic Schools.

Changes in Programme
In all degree programmes, the list of available modules is kept under review. We reserve the right to add and delete subjects when necessary.

Exemption from Professional Examinations
All LLB degree programmes currently meet the requirements stipulated by the regulatory bodies of England and Wales, namely, the solicitors’ and barristers’ branches of the legal profession, the Solicitors Regulation Authority and the Bar Standards Board. This allows you to obtain a ‘qualifying law degree’ for legal practice in England and Wales. To continue to the next phase of legal training, budding solicitors should take the Legal Practice Course (LPC) and aspiring barristers should take the Bar Professional Training Course (BPTC).

Postgraduate Studies
Postgraduate study in the School of Law and Politics can take one of three forms:

Postgraduate Taught Study:
We offer a broad based LLM programme leading to the degree Master of Laws. You can choose to pursue either non-specialised legal study or one of our specialised programmes in:
- Canon Law
- European Legal Studies
- Governance and Devolution
- Human Rights Law
- Intellectual Property Law
- International Commercial Law
- Legal Aspects of Medical Practice
- Legal and Political Aspects of International Affairs
- Shipping Law
- Social Care Law

Professional Legal Training:
Cardiff is the only Russell Group University to offer the full range of courses to prepare students for professional practice. We have built a reputation for high quality provision and our courses are highly regarded by the legal profession.

Exemption from Professional Examinations
All LLB degree programmes currently meet the requirements stipulated by the regulatory bodies of England and Wales, namely, the solicitors’ and barristers’ branches of the legal profession, the Solicitors Regulation Authority and the Bar Standards Board. This allows you to obtain a ‘qualifying law degree’ for legal practice in England and Wales. To continue to the next phase of legal training, budding solicitors should take the Legal Practice Course (LPC) and aspiring barristers should take the Bar Professional Training Course (BPTC).

Postgraduate Studies
Postgraduate study in the School of Law and Politics can take one of three forms:

Postgraduate Taught Study:
We offer a broad based LLM programme leading to the degree Master of Laws. You can choose to pursue either non-specialised legal study or one of our specialised programmes in:
- Canon Law
- European Legal Studies
- Governance and Devolution
- Human Rights Law
- Intellectual Property Law
- International Commercial Law
- Legal Aspects of Medical Practice
- Legal and Political Aspects of International Affairs
- Shipping Law
- Social Care Law

Professional Legal Training:
Cardiff is the only Russell Group University to offer the full range of courses to prepare students for professional practice. We have built a reputation for high quality provision and our courses are highly regarded by the legal profession.

We offer the LLM Legal Practice Course (full-time and part-time) for graduates wishing to become solicitors and the LLM Bar Professional Training Course for graduates wishing to pursue a career at the Bar.

For those who do not wish to pursue a Master’s degree, we also offer the LPC and BPTC as traditional postgraduate diploma courses.

We also offer the Graduate Diploma in Law (Full-time and Part-time), this being the conversion qualification enabling non-Law graduates to progress to the professional stage of training via the LPC or BPTC.

The route to qualifying as a solicitor will be changing from 2021 with the introduction of Solicitors Qualifying Examination (SQE). For further information on the changes related to SQE please visit our website: www.cardiff.ac.uk/law-politics

Postgraduate Research Study:
We offer opportunities for full and part-time study leading to MPhil/PhD degrees.

Welsh Language Provision
We offer core and optional modules through the medium of Welsh. This provides you with the necessary skills and knowledge to work in the legal world in modern Wales and allows you to develop key bilingual proficiency that enhances your overall legal skills and experience.
Why choose Mathematics at Cardiff?

Our programmes are accredited to meet the educational requirements of the Chartered Mathematician designation awarded by the Institute of Mathematics and its Applications.

We offer a Year Abroad programme and a Professional Placement programme so you can develop your mathematical knowledge in different environments.

Our programmes are flexible, allowing you to specialise in your area of interest as you progress through the course.

Our intellectually exciting degrees produce graduates with key employability skills who are in demand in both the public and private sector.

90% of our submitted research was rated as “internationally excellent” or “world-leading”. *

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours
- Mathematics MMath (4 years) G101
- Mathematics BSc (3 years) G100
- Mathematics BSc (4 years) G104
- Mathematics, Operational Research and Statistics BSc (3 years) G991
- Mathematics, Operational Research and Statistics MMORS (3 years) G901
- Financial Mathematics BSc (3 years) I5R4

Joint Honours
- Mathematics and Music BA (3 Years) GW13
- Mathematics and Music BA (4 Years) GW31

Accreditation
Courses are accredited by the Institute of Mathematics and its Applications (IMA).

Typical Entry Requirements
These typical requirements are for guidance. Please check our website for latest information.

A-level: All Single Honours programmes: AAA/A*AB including a minimum Grade A in Mathematics.

BA (Joint Honours Music): ABB including a minimum Grade A in Mathematics and grade B in Music. All Joint Honours applicants with Music are expected to have gained or show evidence of working towards Grade 8 in one instrument or voice. Grade 8 Practical plus Grade 8 Theory may be accepted in lieu of A level Music.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

IB: 34 (Joint Honours programmes) or 36 (Single Honours) points including at least 6 in Mathematics at Higher Level.

Other: Applications from those offering alternative equivalent/overseas qualifications are welcome as are those who may have other relevant work/life experience.

All Degrees
We do not accept General Studies or Critical Thinking.

AS-level: Except for Mathematics, two AS subjects may be considered in lieu of a third A-level.

GCSE Requirements (or equivalent):
GCSE English Language at Grade C or Grade 4.
See page 153 for information about GCSE equivalencies.

Applications Information
Typical places: 200 Typical applications: 800

Find Out More
Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Tutor: Dr Jon Gillard
Email: GillardJW@cardiff.ac.uk
Admissions Enquiries: Caroline Frame-Morgan
Tel: (029) 2087 4811
Email: FrameC@cardiff.ac.uk
Facebook.com/MathsCU @MathsCU

The School is close to the Students’ Union and two student residences, and a short walk from the city centre. Within our building there is a library, a café, and an excellent range of IT facilities, as well as lecture and tutorial rooms. We have a new bespoke Trading Room for simulating financial trading, and there are quiet study areas for revision and collaboration spaces for project work.
The pursuit of mathematics is one of the oldest of intellectual activities. It pervades all branches of science, and has significant relevance to the arts, humanities and social sciences.

Our degree programmes will equip you with specialist numerical skills and develop your capacity for logical and analytical thought. These are qualities which are in demand across a broad range of stimulating and rewarding careers.

Year One is similar for all of our degree programmes, and, in subsequent years, a wide range of modules are available, reflecting the breadth of interests of the staff in the School. Our research is truly interdisciplinary and we have provided solutions to contemporary issues such as data security and hospital waiting times. We also have close links with industry, commerce and outside research centres through contract work and consultancies.

We provide an innovative and friendly environment and you will be allocated a Personal Tutor to offer pastoral advice, guidance and support, who will help you to reflect upon your academic and personal development.

Students with any mathematical question can get help either one-to-one or in a small group at the Maths Support drop-in service. This is available to all Cardiff University students. Our website will have the most up-to-date list of modules that are currently available for each degree programme.

Masters in Mathematics – MMath

This offers a more advanced level of mathematical training than is available in a three-year programme. The modules offered in the first three years of the programme are common to the three year degree programmes in Mathematics. In your final year, the course develops research training and enhanced mathematical skills, especially in areas such as mathematical analysis and fluid dynamics.

There is also a major piece of project work in which you will undertake novel research. The course is ideal for students who want to gain a deeper understanding of mathematics, particularly if you are considering a research career or want to work for a technological company.

Mathematics

The Mathematics BSc degree programme is our most flexible, as it allows you to choose topics from the full range of subject areas in mathematics: pure mathematics, applied mathematics, statistics, operational research and computing.

The second and final years allow you to build upon your interests, with a wide choice of specialised modules in subjects such as coding theory and data compression, knots, mathematical programming, data mining, fluid dynamics, official statistics and operational research.

Mathematics, Operational Research and Statistics – MMORS

Our four-year MMORS Mathematics, Operational Research and Statistics course offers you the opportunity to delve more deeply into pure and applied mathematics, statistics and operational research than is possible on a BSc course and offers a strong grounding in general mathematical theory and techniques.

Designed for those with an enquiring mind, this degree provides a range of mathematics modules designed to challenge and stimulate your academic curiosity. You will study pure mathematics, statistics and operational research modules linked with optional modules from applied mathematics and computing. In later years, the focus is on advanced applications of modern statistics and operational research theory. Throughout your studies, we support you to become an independent learner, able to effectively tackle unseen problems.

Cardiff Connected

Krupa studied for the BSc Mathematics, Operational Research and Statistics degree course and spent her placement year working with GlaxoSmithKline, a large pharmaceutical company, based at their site in Greenford, Middlesex. After graduation Krupa decided that she would embark on a career in the financial industry. She is now working as a trainee accountant for a large firm of chartered accountants who are sponsoring her while she studies for her professional qualifications.

Krupa BSc Mathematics, Operational Research and Statistics

Mathematics, Operational Research and Statistics

This BSc degree programme couples specialisation in Statistics and Operational Research with the study of the principles of mathematics. Operational research leads on from decision mathematics and is based on the concept of mathematically finding and measuring high quality solutions to a real problem or set of problems.

The emphasis in the second and final years is on the application of statistics and operational research, particularly in industry and commerce. We have strong links with local organisations such as the Office for National Statistics and Welsh Government, who provide competitive placement opportunities for students on the Professional Placement programme.

Financial Mathematics is the study of the application of mathematics and computational techniques.
**Financial Mathematics**

In addition to a good understanding of financial markets and institutions, modern finance studies require competency in complex modelling techniques and mathematical and statistical analysis, as well as knowledge of innovative financial products, regulations and strategies.

This programme utilises theories and tools in mathematics, statistics and finance to focus on issues and topics relevant to the computational and market design side of contemporary finance. The programme is tailored to meet the needs of those interested in complex systems, trading (in particular high frequency trading), fund management, analytics and other far-ranging topics in the world of finance.

Graduates will have excellent career opportunities in many areas of finance, including asset management, hedging, trading, analysis and investment banking.

**Joint Honours Degree Programmes**

**Mathematics and Music**

Information about Music is available on page 118.

---

**Professional Placement**

You can spend your third year away from university on a paid professional placement by enrolling on four-year versions of our degree programmes. You will have support during your second year to apply and prepare for placements. These can be undertaken with a wide range of providers across industry and government, including many in the financial services, the pharmaceutical industry, retail, and organisations such as the Office for National Statistics.

As an employee, your work will be directly supervised by the placement provider, and we will monitor your academic progress. Students have recently completed placements within organisations such as Lloyds Banking Group, Rolls-Royce, Ministry of Defence, GlaxoSmithKline, Welsh Government, Deloitte, and Air Traffic Control.

As a graduate with a year of placement experience, you will have considerable personal and professional skills in readiness for a competitive jobs market.

---

**Year Abroad**

As part of our four-year degree programmes you could spend the third year studying Mathematics at a university abroad. We have agreements with a number of institutions across Europe, the United States, Canada and Australia. You will have support to apply for your third year to be spent overseas and in some cases funding is available for travel and living costs. Please contact us for more details.

**Project Work**

A project may replace one or two modules in the final year of any of our BSc Single Honours degree programmes. Supervised project work provides a valuable opportunity for you to apply the knowledge and skills acquired in your formal courses in the investigation of a problem in mathematics, statistics or computing.
There is an opportunity to study part of your Medicine degree through the medium of Welsh, with scholarships opportunities also available.

To find out more visit: www.cardiff.ac.uk/coleg-cymraeg-cenedlaethol

100% of our Medical Pharmacology students found their course intellectually stimulating.*

100% of our graduates are in employment and/or further study six months after graduating.*

Cardiff University (Clinical Medicine) is proud to be among the Top 75 in the Academic Ranking of World Universities (2018).

96% of our graduates found they had opportunities to apply what they had learnt.*

Patient contact from as early as Year One.

*See page 40 for details of statistical sources.
Applications Information

Typical places: 270 UK/EU and up to 25 International places for A100

Typical applications: The number of applications per place is normally around 10:1

Find Out More

Web: www.cardiff.ac.uk/courses

Download the School Brochure: www.cardiff.ac.uk/pubs/ug

Admissions Enquiries: Tel: (029) 2068 8113 / 8037
Email: medadmissions@cardiff.ac.uk

Facebook.com/CardiffC21 @CardiffMBBchC21

Degree Programmes/UCAS Codes

| Medicine MBBC | A101 | 4 years |
| Medicine MBBC | A100 | 5 years |
| Medicine MBBC | A104 | 6 years |

Accreditation

These programmes are accredited by the General Medical Council

Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

Applicants who receive an offer from us will always have had an interview first.

A100 5-Year Programme

GCSE: Please see website.
A-level: AAB. A minimum of 36 points (excluding Theory of Knowledge and the Extended Essay) for entry. Two sciences (from Chemistry, Biology, Physics and either Mathematics or Statistics) must be offered at Higher Level. Applicants undertaking science GCE A-levels where a separate practical endorsement is reported will require a pass in this element.
WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.
IB: Applicants require an overall total of 36 points (excluding Theory of Knowledge and the Extended Essay) for entry. A minimum of 19 points must be achieved in the Higher Level subjects and any specified subjects.
Graduate Entry: Graduate entry will be considered for candidates who are predicted (or have achieved) a 1st or 2(i) Hons Degree and in addition have achieved a minimum of BBB/ABC at A-level and B in English Language, Mathematics and Science at GCSE. Graduates must either have Chemistry and Biology at A2-Level or have studied a degree course that provides a sufficient base in these sciences.
Other: International students without the required subjects for A100 are encouraged to apply for A104. Please see www.cardiff.ac.uk/medicine/courses for more information.

A101 4-Year Graduate Entry Programme

This is a specific four year programme for applicants who are currently enrolled on one of our four recognised Feeder Stream Programmes. Please see page 109 for details of these courses. A minimum of 19 points must be achieved in the Higher Level subjects and any specified subjects for A100, then you may apply for the A104 course. You will need AAA in three subjects at A-level.
WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.
IB: Applicants require an overall total of 36 points (excluding Theory of Knowledge and the Extended Essay) for entry. A minimum of 19 points must be achieved in the Higher Level subjects made up of a score of 7, 6, 6.

A104 6-Year Programme

This six-year programme is for applicants who do not offer the correct combination of science subjects for the A100 Programme. A/AS-level, GCSE, WBA and IB entry standards are similar to those for the five-year programme. Applicants who satisfy the initial selection criteria will be interviewed.
GCSE: Please see website.
A-level: BBB/ABC grades at A-level in any subjects acceptable to the feeder course you plan to do first. General Studies and Critical Thinking are not accepted. Please refer to admissions policy for full information.

Additional Requirements

UCAT: All applicants must sit the UCAT aptitude test www.ucat.ac.uk unless they hold a degree, or are in their final year of undergraduate study and are applying for A100 or A101. It must be taken in the year of making an application.
GAMSAT: If you have completed, or are committed to a degree you must sit the Graduate Australian Medical School Admissions Test (GAMSAT) for applications to A100 and A101. Your score must be available prior to an interview. Your GAMSAT score will contribute to the decision to shortlist for interview. Graduate applications for A104 must offer UCAT.

Non-academic Requirements: Applicants are assessed on non-academic criteria according to the information contained in their Personal Statement and the Referee’s Report given in the UCAS application. The following should be evidenced:
- Insight into a career in Medicine
- Evidence of experience and reflection in a caring environment
- Evidence and reflection of personal responsibility
- Evidence of a balanced approach to life
- Evidence of self-directed learning.

If you meet the interview threshold, your suitability for the profession will be assessed via Multiple Mini Interviews (MMIs).
We offer three routes to MBBCh:

- **A100** standard five-year undergraduate programme
- **A104** six-year programme (five years + preliminary year for those with non-science A-levels)
- **A101** four-year graduate entry scheme (via our specified feeder streams only).

Although our programmes have different entry points, they share a common core curriculum, which offers:

- An integrated approach, teaching cutting-edge science in the context of clinical practice
- Patient and clinical experience as the central focus of your learning
- Early and extensive clinical placements in a variety of healthcare settings across Wales
- Student-focused learning with a structured programme including small group work, patient consultations, lectures, seminars, self-directed and supported e-learning
- Teaching from internationally renowned researchers and clinicians
- Excellent teaching facilities with a broad range of clinical skills and life sciences learning resources
- A final year developed jointly with Health Education and Improvement Wales (HEIW) to provide a smooth transfer into practising medicine in the NHS (Harmonisation)
- Anatomy teaching using a variety of learning methods including dissection, prosections, and digital imaging.

We also offer two innovative opportunities where you have the opportunity to be immersed in more rural areas of Wales:

- A Community and Rural Education Route (CARER) which provides the opportunity for a number of students to spend a year of their education delivered in GP practices and hospitals in North and Mid Wales. Students on this scheme are currently based in Aberystwyth and Bangor
- A collaboration with Bangor University where a cohort of students (approximately 20) will be admitted directly to the Bangor University Campus for the duration of the course. The clinical focus will be concentrated in North Wales.

**Five-Year MBBCh Programme (A100)**

This is the conventional five-year programme leading to the MBBCh degree and is available to students who have appropriate science A-levels (or equivalent).

---

### Careers

**Job roles include:**

Acute Care, Anaesthetics, Clinical Academia, Emergency Medicine, General Practice, Intensive Care, Medicine, Occupational Medicine, Obstetrics and Gynaecology, Ophthalmology, Paediatrics, Pathology, Psychiatry, Public Health, Surgery, Radiology.

**Employers**

The NHS, General Practices, Armed Forces, private health sector or voluntary sector, universities, with a wide variety of roles across society where medical knowledge or clinical skills are needed.

---

### Four-Year Graduate Entry Medicine MBBCh Programme via Feeder Stream (A101)

A limited number of places on this programme are available to students who have successfully completed one of four recognised three year degree programmes:

1. BSc (Hons) Medical Pharmacology Degree from Cardiff University (B210)
2. BSc (Hons) Biomedical Sciences Degree from Cardiff University (BC97)
3. BMedSci Degree from Bangor University (B100)
4. BSc (Hons) Medical Sciences Degree from the University of South Wales (B901).

If you are accepted to the graduate entry scheme, you will complete a three week preparatory course and then join Year Two of the A100 programme. (The content is described in more detail in the Year Two, Three, Four and Five entries later in this prospectus.)

The preparatory course is designed to introduce Case Based Learning and begin the development of your clinical skills.

---

### The School is based in the Cochrane Building

- a multi-million pound development at the University’s Heath Park Campus, located on the site of the University Hospital of Wales, one of the UK’s largest teaching hospitals.

---

### Cardiff Connected

“Studying medicine in Wales has truly been a great experience for me. From hands-on anatomy teaching and early clinical exposure to brilliant teaching in a huge range of facilities, Cardiff University offers it all! Studying at a leading research university means plenty of opportunity to get involved in cutting-edge research. We also spend a lot of time with patients and the med school supports us so that whatever we do, we can do it well.

After four years, I can honestly call Wales a home away from home. With endless social events and societies (sports, cultural, arts etc. - you name it!) and everything from beaches and mountains to concerts and nightclubs, there is something for everyone. The cost of living here is quite low so we get to enjoy more for less! If I had the option again to study medicine, Cardiff University would definitely be at the top of my list.”

**Ritty** Medicine
Six-Year Programme Including Preliminary Year (A104)

This programme is available to students who have demonstrated high academic potential but who do not have the required science background. During the Preliminary Year, you will study an ‘Introduction to Medical Sciences’ and a variety of other science-based modules. Modules include the biological and chemical sciences and mathematics plus a range of optional modules. Following satisfactory completion of the Preliminary Year, you will enter Year One of the A100 programme.

About Our Programmes

Our MBCh course emphasises learning with patients, for patients. Your learning will be put into context from your first year as you will spend time with patients, in clinical settings. As your skills develop, you will see more patients, with more complex conditions, and become more involved in your patients’ care. Clinical placements take place across the whole of Wales, in our teaching and community hospitals, plus over 230 general practices and at other community medical centres. Your skills and professional behaviours are developed throughout the curriculum, so that when you graduate you are fully prepared for your Foundation Programme and postgraduate medical training.

Our course structure is as follows:

**Years One and Two (Phase 1) - Core Science and Clinical Practice**

In Phase 1 you learn core science and how to apply it to your clinical practice when treating patients.

**Platform for Clinical Sciences**

At the start of Year One, we will introduce you to the core knowledge, skills and behaviour expected of a doctor, to prepare you for the challenging and exciting programme of study ahead.

- Your first 12 weeks cover the basics of anatomy, biochemistry, physiology, cell and molecular biology, immunology, microbiology and pathology. You will also begin to develop the fundamental communication, clinical skills and professionalism required of a doctor
- Our course is designed with an emphasis on small group sessions, supported by lectures, laboratory work and sessions in the Anatomy Centre to back these up.

**Clinical Cases**

The remainder of Years One and Two is based on a series of clinical scenarios linking the basic sciences to common clinical conditions.

- You will learn to address medical problems from first principles and develop your scientific reasoning skills
- Small group sessions will be supported by interactive lectures, with access to life science and clinical skills resources
- Ethics and Personal Development, Professionalism and patient contact are all linked to the cases you are working on
- To give you real experience of such cases, you will spend sessions most weeks seeing patients with similar conditions in local hospitals, general practices and other community-based services around South East Wales
- Teaching will be based at our purpose-built facilities in the Cochrane Building (located on the site of the University Hospital of Wales, Cardiff) and at the School of Biosciences, as well as rotating through regional Clinical Teaching and Learning centres in Abergavenny, Cardiff, Merthyr Tydfil, Bridgend and Newport.

**Years Three and Four (Phase 2) - Learning to Care**

During these two years you will increase your understanding of the healthcare system and patient ‘pathways’, with much of your time now spent on clinical placements.

- Over these two years, six eight-week placements across Wales will give you numerous clinical learning experiences and valuable exposure to life as a frontline doctor
- Your Year Three clinical placements include acute (‘Hospital Front Door’), looking after people with chronic conditions such as diabetes, plus an Oncology placement where you will learn about care and treatment for patients with cancer
- In your fourth year, you will concentrate on increasingly specialist and complex cases. You will still focus on Chronic Disease, with particular emphasis on the elderly patient, but also explore the specific medical needs of Children, Women and the Family plus Clinical Neuroscience, Ophthalmology and Psychological Medicine patients
- Working as part of a clinical team, you will have your share of on-call duties, learn the essentials of excellent clinical care, become proficient at clinical assessment and become increasingly competent in the investigation, management and treatment of common disease
- Between placements, you’ll learn the fundamentals of good medical practice and the science you’ll need as a competent medic. You’ll also have expert teaching on pathology, therapeutics, social sciences and ethics.

**CARER - Community and Rural Education Route**

The Community and Rural Education Route (CARER) gives some students the opportunity to spend an academic year embedded in a rural community in Aberystwyth or Bangor. These students have the opportunity to study the same curriculum as their peers in Cardiff, but in a different setting. Their learning is facilitated by a small team of dedicated experts; a clinical team fully supported by Cardiff University and a local clinical educational supervisor. Student feedback on this programme is very positive.

**Year Five (Phase Three) - Preparing for Practice**

Your final year brings together all of the elements of your course and blends your existing knowledge and skills with those required for your first year as a doctor, in order to prepare you fully for life after graduation.

- During your final year, you will integrate within clinical teams and have increasing responsibility for patient care
- This year, you will focus on the assessment and management of acute and chronic clinical presentations, with increasing responsibility throughout the year
- There are four seven-to-eight week clinical placements which take place in both community and hospital settings. These placements are designed to build your confidence, to allow you to practise clinical and prescribing skills and to enhance your ability to work as part of a team
- Your learning will be predominantly in the workplace, with sessions in simulation and small group sessions to refine your clinical thinking and decision-making
- Your placements will be followed by an elective at a destination of your choice, anywhere in the world, in order to study aspects of medicine that capture your imagination
- Four core learning blocks this year will address important aspects of your transition into Foundation. Based in Cardiff, each block has a different theme (‘Preparing for Practice’, ‘Changing Practice’, ‘Pre-Elective’ and ‘Science and Practice’) and will provide you with a better understanding of what to expect when you start work as a Foundation doctor, including team-working, leadership, service improvement, patient safety and professionalism
- The year will culminate in the Senior Student Assistantship, allowing you to work as a true part of the clinical team. You will be encouraged to directly manage patients, under the supervision of the hospital teams. This will take place in the hospital where you will undertake your first Foundation (F1) job, if it is in Wales.
Tailoring Your Studies
Within our programmes we offer a range of opportunities to tailor your learning, and study specific areas of medicine in depth. These include:

Student Selected Components (SSCs)
SSCs in our Medicine programme let you explore areas of particular interest. Choosing your speciality, location and tutor allows you to design a bespoke project tailored to your own individual aims and objectives.

Opportunities to Study Abroad
Elective
In your final year of study, you can apply for a placement in the UK or almost anywhere else in the world. Your elective is part of the SSC (Student Selected Components) programme, and is designed to develop your knowledge, skills and attitudes beyond core learning. You choose the country, the institution, the specialty and your tutor. Spend some time in a high-tech hospital in Australia or experience the challenging medical conditions in Ethiopia . . . it's your call.

Erasmus
We encourage you to study abroad as part of your degree. Some Year Four students currently take advantage of our Erasmus partnerships with medical schools across Europe for up to three months of their course.

Intercalate
An intercalated degree enables you to focus on an area of medicine that interests you and earns you a BSc in addition to your MBBCh.
Each year, approximately 100 medical students undertake an 'intercalating' year between Years 3-4 or 4-5, gaining a BSc of international academic standard. We offer 14 degrees; you may have the option to transfer to other UK universities in the UK, depending on the degree.
Our popular Modular Medical Intercalated Programme is designed to enhance your life-long learning skills, aid you in developing research-based practice and facilitate your career development, especially if you have an interest in medical research.

Assessment
Our assessments are designed to be appropriate, realistic, fair, valid and reliable. Our assessment programme lets us, and you, see how you are progressing and helps us to identify any students who begin to struggle academically, so that we can put appropriate support into place for them. Formative tests and constructive feedback provide regular opportunities to measure your progress and see how you are doing.
Your assessments will support your learning and we will encourage you to use them as a learning tool. The assessment methods we use are all evidence-based, meaning that they have been tried and tested in other top medical schools around the world. We use a broad range of methodologies to allow for the diverse academic strengths and different approaches to learning that students will have within a year group; these include written multiple choice-like questions, coursework and projects, clinical examinations and workplace-based tests.
Where possible, your clinical examinations will use real patients with real clinical problems. We also use Workplace-Based Assessment to assess your clinical skills and clinical performance, e.g. through portfolios and clinical logbooks that demonstrate your professionalism and your reflective learning.

---

Postgraduate Foundation Training and Beyond
At the end of the undergraduate programme you will receive your MBBCH (or equivalent) degree, which is a primary medical qualification (PMQ). Holding a PMQ entitles you to provisional registration with the General Medical Council, subject to its acceptance that there are no Fitness to Practise concerns that need consideration.

The GMC has decided to introduce a Medical Licensing Assessment – the MLA - from 2022, to demonstrate that those who obtain registration with a licence to practise medicine in the UK meet a common threshold for safe practice. Applicants should be aware that to obtain registration with a licence to practise, medical students will need to pass both parts of the MLA, pass university finals and demonstrate their fitness to practise.

The MLA will be in two parts: there will be a knowledge test, which will be set and run by the GMC, and an assessment, delivered by medical schools, that will evaluate students’ clinical and professional skills.
Provisional registration is time limited to a maximum of three years and 30 days (1,125 days in total). After this time, period your provisional registration will normally expire. Provisionally registered doctors can only practise in approved Foundation Year One posts: the law does not allow provisionally registered doctors to undertake any other type of work.
To obtain a Foundation Year One post you will need to apply during the final year of your undergraduate programme through the UK Foundation Programme Office selection scheme, which allocates these posts to graduates on a competitive basis. All suitably qualified UK graduates have found a place on the Foundation Year One programme, but this cannot be guaranteed, for instance if there were to be an increased number of competitive applications from non-UK graduates.
Successful completion of the Foundation Year One programme is normally achieved within 12 months, and is marked by the award of a Certificate of Experience. You will then be eligible to apply for full registration with the General Medical Council. You need full registration with a licence to practise for unsupervised medical practice in the NHS or private practice in the UK.

Although this information is currently correct, students need to be aware that regulations in this area may change from time to time.

There is some discussion about whether to remove provisional registration for newly qualified doctors. If this happens, then UK graduates will receive full registration as soon as they have successfully completed an MBBCH (or equivalent) degree. It should be noted that it is very likely that UK graduates will still need to apply for a training programme similar to the current Foundation Programme and that places on this programme may not be guaranteed for every UK graduate.
Medical Pharmacology BSc

Medical Pharmacology is the study of drugs and their effects on living systems. As such, Medical Pharmacology is at the heart of modern medicine. The Department of Pharmacology, Therapeutics and Toxicology teaches from the School of Medicine.

This BSc (Hons) degree course is a modular three-year full-time programme offering an in-depth exploration of modern Medical Pharmacology and provides specialised scientific training in internationally recognised research laboratories. It aims to encourage and develop your natural curiosity, ability to communicate, organisational and problem solving skills and to prepare you to work independently as well as in team situations. The programme produces graduates with a detailed and comprehensive understanding of the biological effects and mechanisms of action of a wide range of substances, in particular those used for the treatment of human diseases.

Appropriately qualified students may also be eligible to enter Cardiff University’s four-year Medicine (A101) programme, directly after completing their Medical Pharmacology degree. Up to 10 places are available each year. (Please note: you cannot transfer to medicine after only one year of the BSc course.)

Year One

Studied in common with School of Bioscience students following biomedical degrees. Students acquire a sound understanding of chemical and biological sciences; in particular biochemistry, physiology and genetics, to help facilitate understanding of how drugs work at a molecular level. With regard to pharmacology, you will be introduced to the scientific principles which define drug bioavailability and activity within the body. Flagship teaching around drug therapeutics, toxicology and abuse introduces the importance of self-directed study, evidence-based medical science (and practice), critical analysis and the bridge between molecular and cellular pharmacology and the patient as an individual.

Methods of Assessment

You will be formally assessed on completion of each module and, where appropriate, by a continuous assessment element such as practical reports, essays and presentations.

Career Opportunities

The graduate pharmacist is sought by the pharmaceutical industry; for posts in research and product development; by the governmental regulatory bodies; and by academic institutions for research and training.

Year Two

Modules provide a broad coverage of drugs in the domains of neurotransmission, endocrine and paracrine cell signalling, haematology, the central nervous system, cardiovascular pharmacology and chemotherapy. Research and practical modules equip you with ‘hands-on’ training in advanced laboratory techniques. Students interested in Graduate Entry Medicine follow a unique Clinical Anatomy module that utilises cadaveric dissection to investigate the orientation, arrangement and function of the human body.

Year Three - Optional Professional Placement Year (PPY)

An extended period in a working industrial/academic environment gaining invaluable employability skills. Entry to the PPY is offered once on the BSc course and not directly via UCAS.

Final Year

Studied in an intensive medical research-led environment. Modules develop several selected areas in depth such as pharmacogenomics, neuropharmacology, drug development and therapeutics, immunology, cancer and cardiovascular biology and provide more practical experience in specialised techniques. One module is designed to develop skills of critical analysis in reading scientific papers and to promote the ability to present data accurately and unambiguously. A key feature of the year is a substantial experimental or data-analysis based biomedical research project that promotes development of higher critical applied and analytical skills.

Final year students will also integrate with a number of medical students who are undertaking a one year Intercalated BSc degree in Pharmacology, providing a valuable platform for interdisciplinary peer-interaction.

Applications Information

Typical places: 28
Typical applications: 190
Modern Languages

With over 800 students and 60 academic staff, the School offers a friendly, diverse environment. Personal Tutors ensure support throughout the degree programme.

95% of our graduates are in employment and/or further study six months after graduating.*

Our Student Language Ambassador scheme offers the opportunity to work in schools across South Wales.

There is an opportunity to study part of your degree through the medium of Welsh. To find out more visit: www.cardiff.ac.uk/coleg-cymraeg-cenedlaethol

The Spanish Embassy and Goethe Institute have satellite offices at our School. We are home to the Confucius Institute and boast close links with the Italian Cultural Delegation, Japan Foundation, Institute Camões and Institut Ramon Lull.

100% of our submitted research in REF 2014 was benchmarked as internationally important with 94% classed as ‘internationally excellent’ or ‘world-leading’.*

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours
- French BA (4 years) R100
- German BA (4 years) R200
- Italian BA (4 years) R300
- Modern Chinese BA (4 years) RC12
- Chinese BA (4 years) RC13
- Spanish BA (4 years) R400
- Translation BA (3 years) Q910
- Modern Languages and Translation BA (4 years) 76D3
- Law and French LLB (4 years) RM11

Joint Honours BSc
- Business Studies and Japanese NT12

Applications Information
Typical places: 150  Typical applications: 900

Typical Entry Requirements
These typical requirements are for guidance. Please check our website for latest information.

- **A-level:** BA: ABB
- BSc (combinations with the Business School – see page 53): AAB
- Law and French (page 101): AAA-AAB or AABB-ABBB (to include Grade B in French)
- **Joint Honours Programmes:** range from AAB to ABB (please refer to our web pages for specific programmes)

Please note that A-Level General Studies, Critical Thinking and Citizenship are excluded.

- **WBA:** The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

**Other:** Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience

**All Degrees**

**GCSE Requirements** (or equivalent):
GCSE English Language is required at Grade C or Grade 4.
See page 153 for information about GCSE equivalencies.

**Specific Subjects**
For combinations with the Business School, GCSE Maths at Grade B/Grade 6 (see page 53).

Find Out More
Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Enquiries: Dr Kate Griffiths
Tel: (029) 2087 4889
Email: languages-ug-admissions@cardiff.ac.uk

Facebook.com/cardiffmlang  @Cardiffmlang

Careers
Our graduates flourish in the job market as our employment statistics underline. Their language degrees lead them into a diverse and exciting range of careers which have included finance, international sport liaison roles, business consultancy, education, health, the media, politics, diplomacy, interpreting, translation, law and teaching.

CardiffConnected
“After graduating I went straight into employment at Cardiff City FC as a Player Liaison Officer. I use my language skills every day. This can involve anything from translating team-talks for our first team players, to planning trips for our scouts to go and find the next big players. Essentially, I have to look after the players’ welfare and ensure they can focus all of their energy on playing football.

If I hadn’t studied in Cardiff, I wouldn’t have had the opportunity to work in my dream industry. The door was opened because of Cardiff University, so it was instrumental in helping me along my career path.”

Callum  BA French and Welsh

90% of our final-year undergraduate students were satisfied with their overall experience in 2018’s National Student Survey.
Cardiff University is home to one of the largest and most dynamic modern languages centres in the UK.

With an excellent reputation for research and teaching, the School of Modern Languages gives you the opportunity to pursue your interest in languages and cultures in an exciting, interdisciplinary environment.

With a proven track record in excellent teaching and research, we give you the opportunity to pursue your love of languages in a global context.

We have designed our curriculum specifically to prepare you for this global context, offering in Years One and Two pioneering transnational modules which will enable you to explore the power and reach of your chosen language(s) on the world stage.

You can also choose our unique degree in Translation, which offers a foundation in two languages, as well as essential practical skills which include using translation software and insights into interpreting. In addition, our Joint Honours degrees provide an opportunity to combine an interest in languages with a number of other subjects, including politics, business and law.

Our global connections enable us to offer you an exciting array of possibilities for your year abroad. You can choose to work, study or teach all over the world, gaining valuable experience and highly-transferable skills.

High-level language skills are becoming ever more necessary, ever more valuable in today’s changing world. Our graduates are therefore ideally placed for a host of exciting and ambitious careers.

Modern Chinese and Chinese

Chinese is a global language, spoken by 1.4 billion people worldwide. Owing to China’s increasing role in industries such as transportation, banking and telecommunications, Mandarin has become a favoured language among employers who work internationally. Outside China, Chinese is spoken by large communities around the world, from Singapore to London to Vancouver, making it a very desirable language to learn at degree level. We offer two degree programmes allowing you to focus on this vibrant, dynamic language.

The BA Modern Chinese is a unique opportunity to study in Wales’ multicultural capital, Cardiff, and the political, cultural and educational heart of China, Beijing, across the course of four years. You will spend two years abroad in China, in your second and third years, fully immersing yourself in all aspects of Chinese life while you study at Beijing Normal University (BNU). In Years One and Four, you study at Cardiff University. This distinctive programme structure allows you to pursue a dual degree where you receive a BA in Modern Chinese from Cardiff, and a BA in Chinese language and culture studies from BNU, at the end of your four years. Employability is embedded in the course. In your third year, you will be offered either a work placement (one day per week) or a month teaching on a BNU scheme. You will write a dissertation in your final year, with support and supervision from both institutions.

Our BA Chinese (Single Honours) is a four-year programme with one year spent on a year-abroad working, teaching or studying in China. For both this programme and the BA Modern Chinese, you do not require any prior experience of Chinese or Mandarin, as your studies will start at beginner’s level. By the end of the programme, however, your language skills will be at HSK 6, the highest level of language proficiency in China; an attribute crucial for anyone who wishes to live and work in China, or for a Chinese organisation. Modules will be available which cover Chinese history and modern day Chinese culture. They focus strongly on providing you with a greater understanding of modern China, its culture, politics and economics.

French

French is a key business language and a global language of culture and diplomacy. French can be studied at Cardiff post A-level or from beginner’s level.

On completion of this four-year programme, you will have near native proficiency in French, as well as a critical understanding of key aspects of modern and contemporary French literature, culture, politics and society.

This programme is designed to hone your French language skills to a very high level. Keen to produce graduates fit for a variety of career destinations, our innovative modules incorporate oral, aural, writing and grammatical skills, assessing students’ progress with interesting assignments. We use a range of materials including film, radio and websites as well as interactive learning tools. Our classes are taught in small groups to enhance confidence and active learning. Language classes are taught in French, allowing you to immerse yourselves in the language. We offer you the possibility to pick specialist modules in Business French, Specialised Technical Translation and other career-facing language modules.

Core language modules are complemented by a range of cultural modules which work to develop an intercultural awareness. Academic staff have expertise in modern and contemporary French culture, politics and economics, modern French and Francophone literature, Francophone Africa, French cinema, television and radio. We have designed our modules to reflect and engage students with that expertise.

The third year of this course offers the opportunity to live in a French-speaking environment. Depending on your degree programme, you can either decide to work as an English Language Assistant through the British Council and teach in French-speaking schools, undertake a work placement, or attend a Francophone university.

Our established exchange programmes provide opportunities to study in institutions in cities which have included Paris, Toulouse, Chambéry, Montpellier and Nantes in France and Brussels in Belgium.

The final year enables you to build upon your Year Abroad, and focuses on your employability skills to prepare you for the job market.
German

German is the native language of nearly one hundred million people. To speak German is to be part of a crucially important political, economic and cultural world.

A recent survey by the UK’s leading employers’ organisation, the CBI, rated German as the language most valued by UK managers. The linguistic skills you acquire will give you direct access to German history, literature, culture, drama, music and film. Your understanding of the language and culture will be further refined during your year abroad, when you will experience life in a German-speaking country.

We offer German for both advanced students and beginners. The modules we offer reflect our teaching expertise in modern German literature, culture, politics and film. In the final year, you will write a dissertation, which stimulates initiative, and can serve as a useful preparation for postgraduate study.

**German at the School of Modern Languages** was ranked #1 in Wales in The Times Good University Guide 2019.

Italian

With a rich history dating back to the Roman era, Italy has significantly influenced the development of Europe.

At Cardiff University, Italian can be studied either from a beginner or advanced level. This innovative programme offers you the chance not only to learn Italian to a high level of proficiency, but also to explore the culture that has shaped the social landscape of this inspiring country.

During the first and second years, you will acquire an understanding and practical experience in Italian language, grammar and translation. We apply innovative methodologies in our teaching, including small group activities and constant discussion, with the support of native Italian teachers and exchange students.

Language skills are complemented by courses that explore many aspects of Italian culture, including its social structures and institutions, history of art, history, literature and cinema.

One of the most exciting elements of this course, is the opportunity to study or work in Italy during the third year. Many students choose to study in some of Italy’s most inspiring cities, including Milan, Pavia, Venice, Parma, Pisa, Catania, Verona or Florence and Ferrara. Single Honours students are encouraged to gain teaching experience through the British Council in Italy. A new work placement in Sardinia is now available, subject to availability.

**Italian at the School of Modern Languages** was ranked #1 in Wales in The Times Good University Guide 2019.

Japanese

Contemporary Japan is founded on a rich and fascinating cultural history that stretches back thousands of years. It remains a major economic power as well as an innovator in the fast-moving automotive and electronic industries.

Cardiff University has a leading British centre for Japanese Studies. Japanese can be studied as part of a Joint Honours degree and can be combined with a variety of subjects including Business Studies and other languages.

During the first and second years, you will focus on building and developing your communicative skills in Japanese, both speaking and in writing.

A number of our staff members are native speakers. You will be taught by them and colleagues, utilising interactive multimedia resources to aid your learning.

You have the opportunity to study in Japan during your third year, to immerse yourself in Japanese culture and language. During this year, you will develop a high level of language skills in order to complete an advanced language course in your final year in Cardiff.

Business Studies and Japanese

Business Studies and Japanese is designed to provide you with a sound knowledge of business, to enable you to become proficient in Japanese and to gain a clear understanding of Japan itself. This is a four-year degree of which the third year is spent in Japan.

In the first two years you take modules from the Business Management degree programme and begin your study of the Japanese language and Japan.

Your year in Japan is spent studying at a Japanese university. By this stage you will have a sufficient command of the spoken language to operate comfortably in Japan and to gain the maximum benefit from your time there. In the final year, you return to Cardiff to continue your business studies and also to augment further your knowledge of Japanese.

Portuguese

Portuguese is one of the most important languages for international business and politics, spoken by more than 260 million people worldwide. According to the British Council, Portuguese is one of the most vital languages for the UK’s future. It is the official language of nine countries in four continents, and a widely-spoken community language in the UK, the USA, Europe and Australasia. Portuguese is in high demand by employers. On this exciting programme, you will gain linguistic proficiency and in-depth cultural understanding of the Portuguese speaking world and gain skills that will help you stand out from the crowd.

Whether you start as a complete beginner, or from an advanced level, we will support you to achieve fluency in Portuguese by the end of your degree. Language teaching is provided by a number of native speakers, supported by
the Portuguese government agency, Camões Institute. We also offer a vibrant programme of cultural events to complement your learning.

Language classes are taught in small groups and focus on speaking and listening, reading, writing and translation. We deal with contemporary topics and real-life materials, so you will learn about relevant issues in the Portuguese-speaking world. We also provide a variety of online materials to support your study outside class and develop your fluency.

The language programme is complemented in the first year by an introduction to the history and vibrant contemporary cultures of countries such as Portugal, Brazil, Angola and Mozambique. In the second and final years, we explore topics such as music, film, literature, sports, politics and history of the Portuguese speaking world. Throughout your study, you will gain a broad perspective on diverse contemporary cultures.

As an integral part of the programme, you will study or work in a Portuguese-speaking country during your third year. Many students study in Portugal (Lisbon, Braga, Coimbra), or you can opt for a study or work placement in Brazil or another Portuguese-speaking country. During the year abroad, you should develop linguistic fluency and deepen your understanding of the cultures that you have studied.

### Spanish

With around 400 million native speakers in more than 20 countries where Spanish is an official language, Español is one of the three major languages in the world. Speaking Spanish is key to understanding the vibrant Hispanic cultures across the world.

Whether you have an A-Level in Spanish or no experience in the language at all, our Spanish programme caters for different levels of ability. By the end of the course, you will have an excellent understanding of Spanish language including grammar, speaking, listening and translation.

Our teaching staff have expertise in the literature of modern Spain and Latin America, Spanish and Latin American cinema, politics and history in the Hispanic world as well as Catalan language and culture.

During the third year, you have a fantastic opportunity to improve your spoken and written language, immerse yourself in another culture or gain work experience in a Spanish-speaking country. Many choose to study at one of Cardiff University’s partner universities in Spain (Barcelona, Cáceres, Ciudad Real, Granada, Lleida, Santiago de Compostela, Sevilla, Valencia, Vic) or Latin America (Lima, Peru, or Guadalejara, Mexico).

The option to work as a teaching assistant in a Spanish school is also popular with Single Honours students.

Graduates in Spanish find themselves working in a wide range of exciting fields, including international politics or business, consultancy, sales and marketing, the media and publishing, finance, the arts, the Civil Service, teaching, and translating/interpreting.

### Translation

#### Translation (Three Years)

**Modern Languages and Translation (Four Years)**

The present socio-economic situation has created an increasing demand for translation skills. We offer one of the few specialist translation programmes in the UK, providing an alternative route in the study of language with a focus on employability.

We offer two translation programmes, the BA Translation (Three-year, without a year abroad) and the BA Modern Languages and Translation (Four-year, with a year abroad). Both programmes allow you to study translation methodologies alongside one or two languages (should you wish), gaining excellent linguistic skills, as well as essential expertise in translation of your chosen language(s) into English.

These programmes focus significantly on professional translation skills; combining theory and methodology to give you directly transferable professional skills. They also include the possibility to gain insights into the processes and practices of interpreting.

During your final year, you may continue to study two languages, but have the opportunity to focus on one language in order to develop further your level of proficiency.

### Methods of Teaching

A combination of lectures, seminars, workshops and tutorials make for a stimulating learning environment. All our programmes encourage individual student participation and discussion in small groups. Our language courses are designed to offer effective tuition so that you will have a high level of proficiency in your chosen language by the end of the programme. Interaction with native speakers allows for a more authentic learning experience.

We offer a supportive environment for passionate, talented linguists to gain highly valuable skills in preparation for an exciting array of careers within and beyond the UK.

### Methods of Assessment

Formal examinations are combined with continuous assessments such as projects, learning portfolios, coursework and class tests, that allow for progressive development of language skills throughout each of the programmes.
Why choose **Music** at Cardiff?

**7th**

**100%**
of our graduates are in employment and/or further study six months after graduating.*

We have one of the largest faculties in the country, totalling 16 full-time academic staff with wide-ranging expertise.

**98%**
of our students are satisfied overall.*

There is an opportunity to study part of your degree through the medium of Welsh.

To find out more visit: [www.cardiff.ac.uk/coleg-cymraeg-cenedlaethol](http://www.cardiff.ac.uk/coleg-cymraeg-cenedlaethol)

**100%** of our submitted research, including compositions and recordings, rated at least of international standard with 95% classed as ‘internationally excellent’ or ‘world-leading’. *

*See page 40 for details of statistical sources.*
Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

**A-level:** BMus and BA Honours: AAB-BBB (with an A or a B in Music).

**BA Joint Honours Programmes:** range from AAB to BBB (with an A or B in Music). Please refer to our web pages for specific programmes.

Consideration will be given to applicants who are not taking A-level Music, but are working towards Grade 7 or 8 Theory and Grade 8 Practical.

**WBA:** The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

**IB:** 32 points, including a 6 at Higher Level Music. Consideration will be given to applicants who are not taking Higher Level Music, but are working towards a Grade 7 or 8 Theory and Grade 8 Practical.

**BTEC:** Extended Diploma DDM.

**Other:** Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience.

**Specific Requirements**

All applicants are expected to have gained or shown evidence of working towards Grade 8 in one instrument, or voice, at the time of application.

**GCSE Requirements** (or equivalent):

- Maths at Grade C or Grade 4.
- English Language at Grade C or Grade 4.

See page 153 for information about GCSE equivalencies.

Applications Information

Typical places: 70  
Typical applications: 400

Find Out More

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

Download the School Brochure: [www.cardiff.ac.uk/pubs/ug](http://www.cardiff.ac.uk/pubs/ug)

Admissions Tutor: Dr Nick Jones  
Tel: (029) 2087 4171

Admissions Enquiries: Laila Khan  
Tel: (029) 2087 4392

Email: musicschool@cardiff.ac.uk

Facebook.com/cuschoolmusic  @cardiffunimusic  cardiffunimusic

Our in-house Concert Hall, which seats 250, hosts a series of professional performances across all genres as well as concerts by our student orchestras, choirs, and other ensembles.

Cardiff Connected

"I chose Cardiff because it offered me opportunities to continue my lessons in performance as well as modules I had never heard of, let alone studied in depth, including ethnomusicology and studio production techniques. I particularly enjoyed how open the course was, and how many avenues were open to explore the broader subject of music. I was able to become my own musician and pursue interests that I found genuinely interesting. There are many positive aspects to the School but one thing that stood out for me was how much music there was both in the department and the city – the amount and variety of ensembles provided by the School is astounding."

Stuart  BMus 2018
Our undergraduate programmes allow you to specialise and develop your own musical interests, whilst acquiring a solid, broad-based education in aesthetics, analysis, composition, ethnomusicology, music history and performance.

When you join our musical community, you will be taught by academic and creative researchers, and have practical tuition with professional performers.

In Cardiff, we benefit from both a professional opera company (the Welsh National Opera) and a professional orchestra (the BBC National Orchestra of Wales).

We have a fruitful relationship with both organisations that allows, for instance, students to attend dress rehearsals and buy cut-price tickets for concerts. The city also has two world-class venues, the Wales Millennium Centre and St David's Hall.

Musical life in the School is well integrated into that of the city. Our in-house Concert Hall, which seats 250, hosts a series of professional performances across all genres, as well as concerts by our student orchestras, choirs, and other ensembles.

Our aim is to achieve a healthy mixture of academic, creative and practical studies. Our programmes are flexible and challenging, allowing you to specialise and develop your own musical interests. All programmes include a major element of independent supervised project work, allowing you to undertake your own research with the support and guidance of major authorities in the discipline.

Our bespoke facilities include a concert hall, lecture theatres and seminar rooms, a computing resource centre, more than 20 practice rooms, three ensemble rooms and four electro-acoustic studios. The main recording studio is equipped to industry standard. The extensive Music Library is well supplied with books, scores, recordings, and an ever-increasing number of specialist archive collections.

These resources may be supplemented by the extensive holdings of Cardiff’s Central Library and the Royal Welsh College of Music and Drama. We also own a number of orchestral instruments, African percussion instruments, a historical keyboard collection, and a collection of reproduction Baroque and early classical instruments, plus a consort of viols, all of which are available for you to use.

Admissions Procedure
Applicants for the Single Honours Music programmes are asked to attend a short audition/interview and participate in a workshop. This takes place between November and March.

Degree Programmes
The programmes we offer allow you to choose how much you would like to concentrate on music as part of your university studies. The BMus degree programme is the most specialised. You are required to take a minimum of 360 credits in music modules (normally 120 credits per year). BA students taking Single Honours must take a minimum of 280 credits in music modules, of which at least 100 must be at Level 5 and 100 at Level 6. You will have a freer choice of modules, but cannot take the third year 30-credit Recital or Composition Project modules. BA Joint Honours students take 60 credits in music modules per year. All the School’s modules are available to Joint Honours students, except for the third year 30-credit Recital and Composition project modules. The permitted subject combinations are detailed on page 146.

Modules in Music
In the first year, we offer core instruction in analysis, harmony and counterpoint, musicology, ethnomusicology, composition and practical musicianship. As a BMus student you take the majority of these modules. As a BA student you make a free choice from them, although some modules are prerequisite for other modules in subsequent study. In the second and third years, you select from groups of analytical, stylistic, ethnomusicological and historical modules, together with practical musicianship.

Study Abroad
We have links with university music departments across Europe, the USA, Australia and Canada. In previous years, our students have chosen to study with partner institutions in the USA, Germany, Poland, France, Italy, Finland and Slovenia.

Our Year of Study Abroad programmes allow you to complete the first two years of your studies in Cardiff before spending your third year overseas. You will then return to Cardiff to complete the final year of your degree. Periods of optional study abroad are also open to students on our BMus and BA programmes.

Methods of Teaching and Assessment
You will be taught through a combination of individual tuition, lectures, workshops and seminars, with particular emphasis on group work in the first year and individual teaching in the second and third years. If you take practical modules you will receive a weekly private lesson of 30 minutes on your main instrument or voice. This increases to one hour if you are taking the third-year Recital module (only available on the BMus programme).

Practical Music-Making
One of the attractive features of studying at Cardiff is the richness and diversity of music making opportunities on offer. The main groups we run are the University Symphony Chorus and University Symphony Orchestra, which regularly perform in the city’s leading venues and further afield, as well as a Chamber Choir, Chamber Orchestra, Contemporary Music Group, Jazz Ensemble, Symphonic Winds, Piano Ensemble, Nogo Abang Gamelan Ensemble, and Lanyi West African Ensemble.

There is also a range of student-run societies, including the Palestinra Singers, a Jazz Society, a Brass Band and an Operatic Society. Much of the repertoire in our public concert series connects directly with our undergraduate programmes, and a range of visiting professional performers frequently hold masterclasses and workshops with students, in composition and performance.

More Than Just a Degree
We are committed not just to your academic development, but also to your personal and professional development. Employability skills are embedded in modules so that you will learn musical, intellectual, and practical skills that are transferable to other domains, especially the workplace.

Our second-year modules on the Business of Music are designed to help you better understand different branches of the music profession, and provide an opportunity to undertake a short placement in a music or arts-related area. Our annual series of talks on Careers in Music offer a great chance to meet professionals active in a range of fields such as performance, music education, music journalism, arts and artist management, production and licensing, and composing for media.
Optometry

Why choose Optometry at Cardiff?

**Ranked No. 1**
for Optometry.

100%
of our graduates are in employment and/or further study six months after graduating.*

£22M
purpose-built optometry facility with on-site eye clinic.

For the last 5 years, 90% of our students pass in the first sitting of the College of Optometrists Final Assessments at the end of their pre-registration year, consistently the highest pass rate in the UK.

100%
of our submitted research rated at least of international standard with 94% classed as “internationally excellent” or “world-leading”. *

*See page 40 for details of statistical sources.
Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

**A-level:** 3-Year Programme: AAA - AAB, two of which would normally be from Mathematics, Physics, Chemistry or Biology, OR A in the EPQ and AAB-ABB, two of which would normally be from Mathematics, Physics, Chemistry or Biology.

4-Year Programme: For applicants without a science subject – ABB, or BBB plus A in the EPQ.
For applicants with one science subject (Maths, Physics, Chemistry or Biology) – BBB, or BBC plus A in the EPQ.

**WBA:** The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

**IB:** 3-Year Programme: 35/36 points with 6,6 points in two science subjects at the Higher Level.
4-Year Programme: 34 points with 6,6,6 points in any three subjects at the Higher Level, only one of which can be in Science or Maths.

**Other:** Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience.

**Other Requirements**

**GCSE Requirements** (or equivalent);
• Maths at Grade C or Grade 4.
• English Language at Grade C or Grade 4.
See page 153 for information about GCSE equivalencies.

**Fitness to Practise:** The General Optical Council’s Student Code of Conduct and Fitness to Practise procedures stipulate that students must evidence good character. This will entail an enhanced Disclosure and Barring Service (DBS) check. Further information can be found at: www.optical.org/en/Investigating_complaints/fitness-to-practise-guidance/
This course will provide you with the scientific and clinical knowledge to graduate as a pre-registration optometrist and enter your final training under the supervision of a practising optometrist.

We offer both three and four-year degree programmes which lead to gaining a BSc (Hons) in Optometry.

Optometry

Optometrists are primary health care professionals trained to examine and test the visual system and, where necessary, provide refractive correction using optical appliances such as spectacles and contact lenses. They are also able to detect diseases that affect the eye and visual system, and are therefore knowledgeable about all aspects of vision science and pathology of the eye.

The course will provide you with the clinical skills required to ensure that the primary care needs of the public are met to the highest of standards. You will become proficient in many aspects of optometric care including general eye examination, spectacle dispensing, contact lens fitting, binocular vision disorders, low vision, abnormal colour conditions, and paediatric optometry.

Optometry (Three years) (B510)

This course will provide you with the scientific and clinical knowledge to graduate as a pre-registration optometrist and enter your final training under the supervision of a practising optometrist.

The clinical aspects of the course will play a key role in each of the three years of your study and are designed to be as diverse as possible.

In the final year, you will experience direct clinical contact with a broad range of patients in primary care, low vision, dispensing, contact lenses and special assessment clinics.

A variety of e-learning packages are also available and our staff employ a wide range of educational methods to enable effective teaching and learning.

First Year

In the first year, you will learn the fundamental aspects of optometry with no prior knowledge of the eye and visual system expected.

You will also gain the skills necessary when reading for a university undergraduate degree.

You will study modules including Cells and Systems, Visual Optics, Ocular Anatomy, Ophthalmic Lens Dispensing, and Clinical Techniques. While the subject matter is diverse, special reference is continually made to the visual system and to the practice of optometry.

In addition, you will have clinic and laboratory modules every week that provide the vital ‘hands-on’ experience that is essential to the development of a clinical professional.

Second Year

The second year of study builds on the foundation of the first. Through the integration of scientific and clinical teaching you will gain a greater understanding of the mechanisms and processes that take place in the visual system, and of the use of instrumentation to assess visual function and health. You will study modules in Clinical Studies and Dispensing, Contact Lenses, Investigative Techniques, Ocular Pharmacology, Binocular Vision, and Colour Vision and Perception.

The clinical practice you gain will help you to develop your professional optometric skills. During this year, you will, under close supervision, be introduced to your first patient.

Third Year

Clinical methods and abilities are developed to a professional level throughout the year. A high proportion of your week is spent working with patients in the clinics. These clinics provide professional services to the general public in all aspects of optometry, including primary care, contact lenses, low vision, paediatric and special assessment, binocular vision and dispensing. Visits to hospital clinics support clinical tuition and supplement the theoretical knowledge gained in ocular disease. You will also complete modules in Occupational Optometry, Law and Business, Investigative Optometry and Case Studies and Abnormal Ocular Conditions.

During your third year of study, you will also undertake a research project; this may be laboratory, clinic, or literature based. Ultimately, you must produce a written thesis describing your work. These projects are of a consistently high standard and our students frequently report that project work provides the most absorbing and fulfilling part of their course because they are given the freedom to develop their own abilities and ideas.

Optometry (Four years) (B511)

This course has been designed for students who have the desire and academic ability to study for a degree in optometry, but who do not have the suitable academic background.

The four year course consists of a foundation year, followed by the three-year B510 BSc Optometry course.

During the foundation year, you will study six modules, which not only give you the necessary scientific knowledge in order to enter the first year of the BSc Optometry programme (B510), but also emphasise the logical thinking and analysis skills necessary to succeed in a science based discipline.

Modules currently include: Human Development, Systemic Pathology, Biochemistry for Optometry, Optometric Physics, Introductory Optometry, and Written and Communication Skills. You also get the opportunity to gain practical experience of basic clinical skills throughout the year.

General Optical Council (GOC) Registration/Careers

It is necessary to obtain a minimum of a lower second class degree in order to progress to the pre-registration year.

Due to their relatively high-level of clinical skills, Cardiff graduates are highly sought after by employers and rarely experience difficulty in obtaining a pre-registration position.

The pre-registration training period is a year of work in a community or hospital environment, or in a hospital department under the direct supervision of a qualified Optometrist.

The pre-registration optometrist is required to pass continuous assessments and professional examinations which are run by the College of Optometrists. Cardiff graduates consistently achieve the highest pass rate in these examinations. After passing the professional examinations, optometry graduates can register with the GOC as a qualified optometrist and begin to practise independently.

Further Study

You may wish to complete further study after obtaining your registration. Some individuals choose to come back to university full-time to undertake a PhD research degree.

We also offer a variety of postgraduate options through WOPEC, our postgraduate education centre, which are typically undertaken through distance learning.
Pharmacy

We have a range of pharmacy related teaching activities designed to support Welsh Language students.

To find out more visit: www.cardiff.ac.uk/coleg-cymraeg-cenedlaethol

Why choose Pharmacy at Cardiff?

We are a long-established School and are now celebrating 100 years of excellence in teaching and research.

100% of our graduates are in employment and/or further study six months after graduating.*

92% of our students who sat the General Pharmaceutical Council’s registration exam in June 2018 passed first-time (Far higher than the overall national average of 78%)

90% of our students were satisfied overall.*

In the most recent Research Excellence Framework we ranked Joint First School of Pharmacy in the UK.*

*See page 40 for details of statistical sources.
Pharmacy Degree Programmes/UCAS Codes

**Single Honours**

**Pharmacy MPharm** B230

**Accreditation**
The programme is accredited by the General Pharmaceutical Council.

Applications Information

**Typical places:** 130
**Typical applications:** 650

Find Out More

Web: [www.cardiff.ac.uk/courses](http://www.cardiff.ac.uk/courses)
Admissions Tutor: Dr Allan Cosslett
Tel: (029) 2087 4080
Email: pharmacy-ug@cardiff.ac.uk

CardiffSchoolofPharmacy

@PharmacyCU

CardiffPharmacy

Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

**A-level:** AAB-ABB including Chemistry or Biology and a second science or Mathematics A-level. (We do not accept General Studies or Critical Thinking as a third A-level.)

**WBA:** The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

**IB:** 34 points including scores of 6 in Chemistry, and Biology, Maths or Physics at Higher Level.

**Other:** Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work experience.

Other Requirements

All applicants to the course must be 18 at the point of entry due to the nature of placement activities undertaken in the first weeks of the teaching programme.

**GCSE:** Double Science or Biology, Mathematics and English Language.

**Fitness to Practice:** The pharmacy regulatory body, the General Pharmaceutical Council, has a set of Standards for pharmacy professionals, meaning all students must demonstrate good character. This will entail an enhanced Disclosure and Barring Service (DBS) check. Students are also required to undertake an Occupational Health assessment. Further information can be found at: [www.gov.uk/government/organisations/disclosure-and-barring-service](http://www.gov.uk/government/organisations/disclosure-and-barring-service) and [www.pharmacyregulation.org](http://www.pharmacyregulation.org)

International students must provide an original certificate of good conduct, or equivalent, from their country of origin. It has to be translated into English prior to their enrolment.

Failure to undergo such a check, or the discovery of inappropriate behaviour, may result in the student being unable to join or complete the course.

Careers

The career options for Pharmacists are varied and plentiful, ranging from hospital, primary care or community settings - including being based within GP surgeries - to industry or research in the UK and internationally, making this an exciting degree to embark upon.

Pharmacists are experts in the field of drugs and medicines. They consult with patients effectively, some prescribe medicines independently of a doctor and many are on the frontline of healthcare provision.

In hospitals, pharmacists are a key part of the healthcare team, working directly with doctors, nurses and other health professionals on wards or in clinics to ensure patients’ needs are met. Community pharmacists not only supply medicines, they also advise the public on health matters and give guidance to other health professionals about medications. Additionally, they administer vaccinations and take blood pressure measurements, amongst other patient-focused tasks. Pharmacists in a Primary Care setting optimise patients’ medicines to maximise the benefits and minimise the risks associated with different drugs. They also help to develop services to support the local population with their health needs.

Industrial pharmacists are involved in the research, design, development, testing and marketing of new medicines and treatments, ensuring they are safe and of a good quality for patients.

Towards the end of your degree course, you’ll be given assistance in finding a pre-registration position.

CardiffConnected

“I’ve thoroughly enjoyed my time at the School of Pharmacy and Pharmaceutical Sciences. It’s ranked among the best in the country for the quality of its teaching and research – and now I know why. The course has been challenging and stimulating, covering topics ranging from formulation science to medicinal chemistry and, of course, clinical pharmacy. The way the course is taught varies from lectures, to workshops, to practical sessions and even inter-professional sessions with students from other professions, such as medicine. We are taught by lecturers who are experts in their fields, but who are always willing to lend a helping hand and there’s a family feeling among staff and students alike.”

Gwenno Pharmacy Graduate

www.cardiff.ac.uk/pharmacy-pharmaceutical-sciences
We are proud to train the Pharmacists of the future. It’s our mission to equip our students with the knowledge, skills and experience they need to succeed in their chosen career.

Undergraduate study is for a Master of Pharmacy degree, which is accredited by the General Pharmaceutical Council.

Introduction
Today’s pharmacists are not only experts in drug discovery and delivery, they play a direct role in improving patients’ health and wellbeing. Many now also prescribe medicines independently of a doctor. As the role of a pharmacist is advancing, to include more patient-facing opportunities, our MPharm programme reflects these exciting developments.

On this four-year internationally respected programme, you’ll learn about the discovery and development of new drugs and explore their chemical, physicochemical, pharmacological and toxicological properties. You’ll also study the clinical uses of medicines and the role of the pharmacist in improving patient outcomes as part of interprofessional healthcare teams.

You’ll learn about the underlying pathophysiology of many human diseases, and how the use of medicines can halt, slow the progression of, or reverse disease processes.

And you’ll be taught all of this by our team of world-leading academic staff and pharmacist practitioners who have an extensive range of expertise.

Some of your learning will take place alongside students from other healthcare disciplines as part of our interprofessional education, and you’ll also be given the opportunity to carry out a range of placements in both traditional and role-emerging settings, including community and hospital pharmacies, GP practices and specialist health and social care settings. This will provide you with invaluable experience on the front line of healthcare provision.

Undertaking the MPharm at Cardiff University means studying at one of the top schools of Pharmacy in the UK and, as a close-knit School, with a family feel, we’ll help you to enjoy an academically rich and fulfilling experience throughout your time at Cardiff University.

Degree
It will take you four years of full-time study to gain a MPharm degree. The programme is modular and credit-based, 480 credits in all. As the degree course is part of the journey towards registration as a professional, all modules are compulsory. However, there is some choice of study in the final year, involving advanced investigation in a specialist research area, including a research project.

The objectives of the MPharm degree are:
- To provide a sound knowledge and understanding of the pharmaceutical sciences and necessary professional skills, enabling you to proceed confidently with pre-registration pharmacy training
- To offer experience of working closely with pharmacy practitioners and other healthcare practitioners within practice placements in all four years of the course
- To produce graduates who are well-fitted for career opportunities in hospital, community, primary care, industrial and academic pharmacy.

Year One: This is designed to give you a foundation in the scientific and communication aspects of pharmacy. You will explore the ‘healthy human’ complemented by an early ‘hands-on’ introduction to the clinical practice of pharmacy and the role of the professional pharmacist.

Year Two: You will extend your knowledge in pharmaceutical chemistry, formulation of medicines and how therapeutic medicines work. In professional pharmacy, there is an emphasis on the dispensing of prescriptions.

Year Three: Clinical aspects of pharmacy are developed, together with formulation science and pharmaceutical analysis. Year Three therapeutics focuses on challenging patient disease states such as neurodegenerative disease and cancer. You will gain generic research skills in literature evaluation and research presentation.

Year Four: During semester one, you will focus primarily on your individual substantive research project. The project may be based within the School or in collaboration with a community, hospital or industrial setting. In semester two, there is intensive preparation for entry into professional practice. You will apply the knowledge and skills you have acquired in both pharmaceutical science and professional pharmacy to a range of complex pharmaceutical problems. These problems will focus on you taking responsibility, dealing with complexity and managing change.

Admissions Procedures
Applicants, selected on their qualifications, academic reference and personal statement, are invited to visit us. During the visit, applicants are encouraged by interview, to demonstrate a number of non-academic commitments and skills, including a basic understanding of clinical pharmacy. This is also an excellent opportunity to ask staff and students about the School and life in Cardiff.

Methods of Teaching and Assessment
You will benefit from a modern learning environment and practical experience of working with patients, the public, pharmacists, pharmacy staff and other healthcare professionals. In order to prepare you to deliver multidisciplinary healthcare, you’ll learn with students from other medical and healthcare disciplines through our innovative inter-professional education sessions. Work-based placements are also an integral element of the programme, you’ll gain experience in a range of settings, including hospital, a GP practice, and community pharmacies and other social settings. Formal lectures and laboratory-based classes are supplemented by e-Learning and case-based problem solving, and effective communication workshops. Together, these activities ensure you develop a culture of professionalism and a commitment to lifelong learning.

Professional Qualification
The Pharmacy degree will enable you to register as a pharmacist after successfully completing a pre-registration year. This training year must be spent employed and supervised by a recognised pharmacist tutor. There are a range of healthcare settings in which you can complete this training, including Primary Care, community settings, hospital or industry.

Towards the end of the pre-registration year, you must sit and pass the General Pharmaceutical Council’s assessment. Registration with the General Pharmaceutical Council is the statutory qualification which enables you to practise as a pharmacist in the UK and the EU; it is recognised in many other countries around the world.

Postgraduate Study
We also offer specialist programmes, Clinical Research, Clinical Pharmacy and Pharmacist Independent Prescribing. Opportunities also exist for students to work towards MPhil/PhD research degrees.

We also offer a full-time MSc in Cancer Biology and Therapeutics which is open to graduates with a first degree in the biological sciences or a healthcare discipline.

Use of Living Organisms in Undergraduate Teaching
Please see page 151.
Physics and Astronomy

Why choose Physics and Astronomy at Cardiff?

Our Institute of Physics accredited degree programmes include specialised topics which reflect our research interests.

93% of our graduates are in employment and/or further study six months after graduating.*

We have one of the largest UK communities of Astrophysicists and Condensed Matter Physicists.

Our research staff have been involved in some of the most exciting recent scientific discoveries including the detection of gravitational waves.

88% of our students were satisfied overall.*

99% of our research was rated as "internationally excellent" or "world-leading".*

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours
Astrophysics BSc (3 years) F511
Astrophysics MPhys (4 years) F510
Physics BSc (3 years) F300
Physics MPhys (4 years) F303
Physics with Astronomy BSc (3 years) F3F5
Physics with Astronomy and a Professional Placement BSc (4 years) F3FN
Physics with Astronomy MPhys (4 years) F3FM
Physics with Medical Physics BSc (3 years) F350
Physics with a Professional Placement BSc (4 years) F302
Physics with a Professional Placement MPhys (5 years) F304
Physics with Astronomy with a Professional Placement BSc (5 years) F5F3

Applications Information
Typical places: 120
Typical applications: 600

Find Out More
Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Tutor: Dr Chris North
Tel: (029) 2087 0537/6457
Email: physics-admissions@cardiff.ac.uk
Facebook.com/cardiffschoolofphysics
@cardiffPHYSX

Accreditation
All of our established degree programmes are accredited by the Institute of Physics.

Typical Entry Requirements
These typical requirements are for guidance. Please check our website for latest information.

A-level: All courses AAA-ABB which must include Maths at Grade B and Physics. We do not accept General Studies or Critical Thinking.
WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.
IB: 32-36 points, with 665 at Higher Level and 6 in Higher Level Physics and Mathematics.
Other: Applications from students offering alternative equivalent qualifications or relevant work experience are welcome. Please contact us for more information as each case is assessed individually. Applicants not studying A-level Physics, but with high scores in Maths, will be considered on an individual basis. Students without Maths A-level can progress through the Engineering with a Foundation Year.

Other Requirements
AS: AS-levels are not sufficient for admission to the BSc/MPhys programmes.
GCSE Requirements (or equivalent):
English Language at Grade C or Grade 4 or IELTS 6.5 (overall) with a minimum of 5.5 in each sub-group, for non-native English speakers.
See page 153 for information about GCSE equivalencies.

Careers
Job roles
Research scientist, teaching, medical physics, banking, intellectual property, operational research, accountancy, airline pilot, government intelligence services, IT, police, armed forces, power distribution, and roles from R&D to management in industries such as nuclear power, optoelectronics, automotive, aerospace, utilities and computer games.

Employers
UK and international universities, plus organisations such as Rolls Royce, Bank of England, and EDF Energy.

Our undergraduate facilities are of a very high standard, and are undergoing further upgrading as part of a University-wide infrastructure programme. A dedicated mathematical science library, additional computing facilities, a restaurant and a student common room are located in the adjacent Trevithick building. We are also located very close to the city centre and to student accommodation.

Cardiff Connected
“As degrees go it’s intense; I’ve taken Mathematics further than I ever thought possible, solved the most fundamental equations known to man and learnt about the smallest and largest objects in existence. The staff and students are friendly, approachable and so dedicated to education and science it creates an inclusive atmosphere for learning and research.”

Eve MPhys Graduate
Physics is the most fundamental of the sciences. It is concerned with understanding the laws of nature and applying this knowledge to unlock the secrets of the Universe, understanding the world around us and generating new technologies.

A physics-based degree offers an intellectual challenge, as well as providing you with practical skills and the ability to solve real-life problems. This broad training allows you to keep your choice of career open until the time you graduate and also to adapt to current employment opportunities. The work ethic and adaptability of Physics graduates is one of the factors which makes them so popular as employees, in diverse sectors such as industry, research, education, commerce and finance.

Our Institute of Physics accredited degree programmes have been devised to convey the excitement of physics and astronomy, providing a thorough understanding of this fundamental subject and to develop strong problem solving skills. They provide a choice between practically and theoretically-orientated courses.

Physics and Astrophysics are our most popular degree programmes. In these subjects, there is a choice between the standard three year BSc or the more advanced MPhys. The latter is a four-year, full-time degree intended primarily for students who wish to enter research or become professional physicists.

All of our degree programmes include core physics and mathematics modules which form the basis of a physics education. The range of programmes on offer provides an opportunity to pursue a supplementary topic in more depth, such as astronomy or medical physics. There is also a Joint Honours degree programme which allows physics to be combined with mathematics.

Teaching methods include lectures, tutorials, and problem solving classes. Assessment is a combination of exams and coursework, with a combination of written, typed and internet-based assessment.

You will find that we foster a friendly atmosphere and that we are approachable and helpful.

In the final year, you will undertake a major project. Most of these are located in research laboratories, giving you the opportunity to undertake research work and to share in the excitement of new discoveries.

The First Year

We realise that it is not easy to commit yourself to a particular degree programme up to a year before entering university. We, therefore, offer a highly flexible structure in the first year, which, with few exceptions, allows you to defer your exact choice of degree until the beginning of the second year.

All your first year coursework will be returned to you with feedback within a week of submission. Much of this will happen through your academic tutor, allowing us and you to keep track of your progress in a timely manner.

Computer programming is introduced in the first year, and is taught through dedicated modules and integrated into teaching throughout the degree. We have extensive PC facilities connected to the University network, and Wi-Fi throughout the building for laptops and other devices. Students are introduced to the relevant software for word-processing, data-analysis and web-based research.

Outside of timetabled sessions, the computing facilities are available to undergraduates.
Physics is a mainstream, traditional academic programme, which provides the broadest foundation in physics and leads naturally to a wide range of careers. All major areas of physics are covered.

Practical training forms an important component of this degree programme. You work with up-to-date apparatus employing lasers, x-ray sources, cryogenic equipment, modern electronics and computer software. Project-type experiments are introduced at the end of the second year, in preparation for the final year project, which involves working approximately two days per week in research laboratories or alongside research teams. You may choose projects of a practical or theoretical nature from all aspects of our activities, and you may also design your own project.

Astrophysics

We have a large number of academic staff who are active in most aspects of Astronomy and Astrophysics research, providing courses of the very highest calibre. You take courses both on astrophysical topics and on core physics and mathematics. The aim is to give you a thorough grounding in physical principles, mathematical methods, computing, and observational techniques. You practise and consolidate these skills by applying them to a wide range of astrophysical problems. In this way you acquire a very broad and flexible education which opens up career opportunities in high-technology industries, as well as in pure astrophysics research. You also undertake a supervised research project in your final year.

Physics with Astronomy

This programme caters for those students who wish to maintain the main physics core, but are interested in taking a mixture of optional modules from both physics and astrophysics. Assignments and supervised projects use astronomical data from observatories around the world and in space, and use extensive image-processing and data reduction software and techniques.

Physics with Medical Physics

This is provided jointly with the Cardiff and Vale University Health Board, Velindre NHS Trust and Public Health Wales NHS Trust. The Medical Physics element consists of a study of various diagnostic and therapeutic techniques, with special emphasis on the underlying physical and mathematical principles. Practical work includes a major project in the final year, which can be undertaken at the Cardiff Brain Imaging Centre or at the University Hospital of Wales. The course equips you for a wide range of careers including Medical Physics, in which there is a proven demand. Many of our graduates have successfully moved onto the NHS scheme for Medical Physicists.

Assessment

Examinations are held in January and May. In your first year, you are required to pass these in order to progress to the second year. Your final degree mark, which determines the classification of your degree, is based partly on examinations taken in the second and third years (and fourth year for MPhys), and partly on continuous assessment, such as projects and coursework.

Free Standing Modules

In your first and second years, you can take a free standing module (if your particular degree programme allows). This module can be chosen from a large number provided by other Academic Schools in the University. For instance, you may choose to study a language at beginner, intermediate or advanced level, begin a course in Music or opt for a module in Business and Law.

Postgraduate Study

We have thriving research groups and a large number of students studying for a PhD or MSc. The main research groups are condensed matter and photonics, astronomy and astrophysics, gravitational wave physics, compound semiconductors and brain imaging. We offer research-led MSc programmes in Physics and Astrophysics, which build upon a first degree and can lead to a number of graduate opportunities.
Politics and International Relations

Politics and International Relations is an exciting and varied subject which addresses a range of questions that are critical to our contemporary world.

Why choose Politics and International Relations at Cardiff?

95% of our graduates are in employment and/or further study six months after graduating.*

We have links with the Welsh Government, Westminster, G7 and NATO, NGOs, policy-makers and journalists.

We have expanded our internationally renowned team to offer expertise in Political Theory, Public Policy and Electoral Politics, Cyber Security, Feminism, Cold War History, and Environmental Politics.

95% of our submitted research rated at least of international standard with 81% classed as "internationally excellent" or "world-leading".*

*See page 40 for details of statistical sources.
### Degree Programmes/UCAS Codes

<table>
<thead>
<tr>
<th>Single Honours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Politics BScEcon</td>
<td>L200</td>
</tr>
<tr>
<td>International Relations</td>
<td>L290</td>
</tr>
<tr>
<td>and Politics BScEcon</td>
<td></td>
</tr>
<tr>
<td>International Relations BScEcon</td>
<td>305Q</td>
</tr>
<tr>
<td>International Relations and Politics BScEcon</td>
<td>L292</td>
</tr>
<tr>
<td>International Relations and Politics (with a language)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Integrated Honours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Law and Politics LLB</td>
<td>ML12</td>
</tr>
<tr>
<td>Politics and Modern History</td>
<td>LV21</td>
</tr>
<tr>
<td>BScEcon</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Joint Honours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Politics and Economics BScEcon</td>
<td>LL12</td>
</tr>
<tr>
<td>Politics and Philosophy BA</td>
<td>LV25</td>
</tr>
<tr>
<td>Politics and Sociology BScEcon</td>
<td>LL32</td>
</tr>
<tr>
<td>Journalism, Communication and Politics BA</td>
<td>J323</td>
</tr>
</tbody>
</table>

| Politics and a language taught in the School of Modern Languages |         |
| Politics and Religious Studies taught in the School of History, Archaeology and Religion |         |

### Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

**A-level:**
- Politics: ABB
- International Relations: ABB
- International Relations and Politics: ABB
- International Relations and Politics (with a language): ABB
- Politics and Philosophy: ABB
- Politics and Modern History: ABB, to include History.
- Politics and Economics: ABB plus GCSE Mathematics at Grade B/Grade 6 and GCSE English Language at Grade C/Grade 4 if not offered at AS or A-level.

**WBA:** The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

**IB:** 34 points or 665 in Higher Level subjects.

### Applications Information

**Typical places:** 220  
**Typical applications:** 1,000

### Find Out More

**Web:** [www.cardiff.ac.uk/courses](http://www.cardiff.ac.uk/courses)  
**Download the School Brochure:** [www.cardiff.ac.uk/pubs/ug](http://www.cardiff.ac.uk/pubs/ug)  
**Tel:** (029) 2087 4588  
**Email:** lawpladmissions@cardiff.ac.uk

### Careers

Degrees in Politics and International Relations provide a foundation for a wide range of careers such as in non-governmental organisations, global development, international business, diplomacy and intelligence in government, journalism, and policy research, as well as a basis for more specialist subjects taught at postgraduate level.

### CardiffConnected

"I visited the University for an Open Day, and loved the vibe and feel of the city. The lecturers seemed to be really passionate about their subject, and there were a wide range of modules on offer that really interested me, compared to other universities."

"I now work as a project manager at the Department for Education. There’s a massive amount of variety in my job and no two days are the same. I could be briefing ministers and MPs, leading meetings with various stakeholders to ensure that projects and cases are tracked, having challenging conversations with stakeholders, and/or responding to media coverage."

**Rumaana**  
BSc (Econ) Politics and History
Founded on world-class research and an international reputation for excellence, our degree programmes are both challenging and inspirational.

A familiarity with the central concerns of Politics and International Relations is essential to any serious understanding of our dynamic and integrated world.

We offer a range of degree programmes for those with an interest in Politics and International Relations. You can choose to study one of our three Single Honours degrees, or combine the study of Politics and International Relations with other subjects in the Social Sciences and Humanities, including languages, on our Joint Honours programmes.

Our research and teaching expertise includes political theory, public policy, the politics of devolution, environmental politics, Cold War history, nuclear politics, global governance, feminist theory, postcolonial politics, political economy, cyber security and critical military studies. Studying politics at Cardiff provides the essential skills for an exciting career in fields such as journalism, government, management, teaching, consulting, law, policy analysis and education.

With a fantastic central location you will benefit from a range of excellent facilities. Computer rooms and cutting-edge e-Learning equipment enhance the learning process and library collections provide students with access to thousands of books and publications.

**Politics**

The field of politics allows you to explore how parliaments and governments function, and to evaluate political ideas such as power, freedom, democracy, conflict, legitimacy or accountability.

Our programmes offer you the opportunity to gain an in-depth understanding of the field, as well as choosing from a range of optional modules depending on your interests.

During the first year of your course, compulsory modules examine the foundations of Western political thought, modern political analysis, globalisation and international relations and European integration.

The second and third years allow you to deepen your understanding of politics, political theory and ideas, in order to sharpen your insight into what motivates actors within the political sphere. Major themes such as political analysis and policymaking are examined, together with topical questions, such as devolution and the British party system.

Study abroad options are also available for those wishing to experience new cultures. We also offer expertise in the field of parliament and governance, having been selected by Westminster to teach in conjunction with the Houses of Parliament. We also offer a module that enables you to undertake a placement in an organisation that plays a key role in Welsh governance.

**International Relations**

Our new degree in International Relations offers you the opportunity to focus on global politics. We have recently appointed 17 new members of staff who all specialise in International Relations and are offering an array of exciting new modules.

The discipline of International Relations has long been concerned with the relations between states and the causes of war, but has grown recently into a multifaceted field which addresses a wide range of questions critical to our contemporary global world. These range from topics such as war, security and terrorism, nuclear politics, and international history, to digital technologies and cyber-security, global environmental politics and climate change.

This Single Honours degree programme aims to provide you with the opportunity to study this exciting and important subject in its depth and breadth. The degree aims to cover both traditional and new areas of the discipline in a manner informed by current scholarly debates, and global political concerns and developments. You will gain a solid grounding in core International Relations theories and perspectives, and the historical development of the international system. This will provide the theoretical and historical foundation for more advanced study of a rich range of topics at second and third year. You will be taught by academics who are leading researchers in their fields, exposed to research-led teaching in areas across the breadth of the discipline.

Can’t decide whether to take International Relations or Politics? Our combined degree provides you with the opportunity to focus on both sub-fields, and to explore the integrations and connections between the domestic and the international. You will investigate broader institutional, familial, cultural, and ideological concerns that relate to politics at home and abroad, and compare the methodologies of political science and International Relations.

In the final year, you have the opportunity to complete a dissertation in a topic of your choice within the field, which is a fantastic opportunity for independent research and specialisation.

**Politics Joint and Integrated Programmes**

These programmes allow you to combine your interest in politics with other areas in an interdisciplinary environment. Options available as part of the BScEcon degree include studying Politics with Modern History, Economics, Sociology, or International Relations.

If you are choosing a BA joint degree you can study a modern European language (French, German, Italian, Spanish), Philosophy or other Humanities subject (please see page 146) in addition to your studies in Politics.

The LLB Law and Politics is an integrated programme which allows you to gain a solid foundation in both politics and law.

You will complete the courses in legal studies, necessary for exemption from the first part of the professional examinations to pursue a career as a barrister or solicitor.
A **world top 40** School of Psychology.  
Source: QS Rankings 2018.

We offer the opportunity to gain **professional experience** as part of your degree.

Both our courses are **Accredited** by the British Psychological Society (BPS).

**Internationally Acclaimed** researchers are involved in course design and delivery.

**93%**  
Overall Student Satisfaction in the National Student Survey (NSS) 2018.

**100%** of our submitted research rated at least of international standard with 92% classed as "**internationally excellent**" or "**world-leading**".*

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours
Psychology BSc (3 years) C800
Psychology with Professional Placement BSc (4 years) C810

Typical Entry Requirements
These typical requirements are for guidance. Please check our website for latest information.

A-level: AAA
General Studies and Critical Thinking are not acceptable at A-Level.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above).

IB: 36 points overall or 6, 6, 6 in three Higher Level subjects.

Other: Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience.

All Degrees:
GCSE requirements (or equivalent):
• Maths or Statistics at grade C or grade 4.
• English Language or Welsh (as applicable) at grade C or grade 4.
See page 153 for information about GCSE equivalencies.

Applications Information
Typical places: 210 (190 home and 20 overseas) Typical applications: 1,200

Find Out More
Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Tutors:
Professor Marc Buehner, Dr Lewis Bott, Dr Christoph Teufel
Tel: (029) 2087 9999
Email: admissions@cardiff.ac.uk

We have excellent teaching and research facilities. There are three lecture theatres within the School, a computing suite with over 120 PCs, more than 15 seminar rooms for small group teaching, and over 80 research laboratories. We have over 200 PCs on-site, dedicated for use by students. We have also developed an interactive work-space solely for our undergraduates which contains multimedia projectors, PC booths and Wi-Fi. These physical resources are accompanied by excellent online material.

Careers
A psychology degree is favoured by many potential employers because it reflects a university education that develops the skills of literacy and numeracy. Psychologists are also employed on an increasingly wide scale in the educational, social and health services, for which postgraduate training is essential. For entry to some postgraduate courses in psychology, the undergraduate degree must be accredited by the British Psychological Society as conferring Graduate Basis for Chartered Membership. Both of our programmes meet this requirement.

Job roles
Psychology consultant, counsellor, educational psychologist, occupational psychologist, special needs assistant, recruitment consultant and business support manager.

Employers
NHS Trusts, local government departments, secondary schools, plus organisations such as the Department for Work and Pensions, the Ministry of Defence, Relate and Victim Support.
Psychology is the systematic and scientific study of mind and behaviour. Psychologists study how we think, feel and act, both individually and as part of a social group. Psychology has a wide range of applications in the health and social services, in industry and commerce, and in education.

Our School is long established, well resourced, and has an excellent international reputation. As a psychology student at Cardiff, you will be studying the subject very much from the scientific standpoint, while meeting the challenges of understanding behaviour from social, cognitive and biological perspectives. This programme is supported by enthusiastic lecturers from one of the UK’s leading psychology research departments.

Our Courses

We offer a three-year degree in Psychology and a four-year degree in Psychology with Professional Placement. The Four Year degree provides a unique opportunity to gain supervised work experience for a year.

You will work in small tutorial groups, as well as attending more formal lectures, and have the chance to learn through regular practical sessions, such as interviewing, survey work, psychometric testing, experimental skills and IT. There are frequent visits from leading British and overseas psychologists.

Applied Psychology is included as an integral part of our courses and opportunities to undertake research projects are also available in schools, industrial settings and in hospitals. You are encouraged to develop your own areas of interest through a supervised project and final-year option modules, which will help you to find employment or further professional training.

The School of Psychology Research Internship Programme (SPRInt) provides the opportunity for you to take part in paid, cutting-edge research projects over the summer vacation following your second year.

First and Second Years

Level 4 covers the first semester of the course, and is designed to give you a sound foundation in psychology research and psychological thinking.

You will study three modules: Introduction to Psychology, Psychological Research, and Research Methods in Psychology. These will provide you with a well-rounded introduction to psychological research in areas including social, cognitive, biological, and abnormal psychology, as well as research on individual differences.

‘Psychological Research’ will introduce the principles of research design.

Level 5 covers the next three semesters of the course. It places particular emphasis on critical thinking, as well as the ability to interpret and integrate research findings and psychological theories. You will study nine modules, each of which focuses on a particular area including developmental, cognitive, biological, abnormal, social, and perceptual psychology. Training in research design, statistics and computing continues during Level 5.

Professional Placement

(Four Year Degree)

The Four Year Psychology with Professional Placement programme involves a year between your second and final year where you can spend time in a professional setting. There are a wide range of placements in areas including clinical psychology, forensic psychology, occupational psychology and in other psychology informed settings, such as the police force and the probation and prison services. The placement year can provide you with invaluable experience and can make you more competitive when applying for jobs or further courses of study. Placement positions are mainly chosen from opportunities that we provide, but you can also find your own placement with the approval of the School.

Final Year

You choose from a range of modules which focus on specific aspects of the subject or current theoretical approaches, and which are likely to change from year to year. A complete list of these final year option modules will be made available to you in your second year.

Examples that may be offered are: Developmental Psychopathology in Childhood and Adolescents, Animal Learning and Cognition, Decision Making, Attitudes and Attitude Change, Active Vision, Behavioural Genetics, Psychology of Speech and Language, Emotion: Social and Neuroscience Perspectives, Neuroscience of Learning and Memory, Human Factors Psychology, Environmental Psychology, Forensic Psychology: Violence and Crime, Memory Processes and Memory Disorders, Theories and Systems of Psychotherapy. You will also work throughout your final year on a research project, where you design and undertake an empirical investigation. Your research project is supervised by a member of staff who has expertise in the area that your project covers.

Assessment

There is a combination of coursework and unseen examinations. Prizes are awarded to the best performing students.

Study Abroad Opportunities

We work with Hong Kong University, one of the world’s highest ranking universities, to offer you the opportunity to study psychology while immersing yourself in a completely different culture. Students participating in the HKU exchange, study their first semester in the second year in Hong Kong, taking courses that match the content offered in Cardiff (tuition and examination is in English). There are no additional fees to pay, and the exchange is supported by a bursary to cover travel costs. You also have the opportunity to go abroad in your placements (see Psychology with Professional Placement).

Cardiff Connected

“Studying Psychology at Cardiff has benefitted me greatly, even in social situations because everything we learn is interesting and applicable. Moreover, when lectures are filled with fascinating content and taught with enthusiasm by incredibly knowledgeable lecturers, it is hard not to be inspired!”

Ocean BSc Psychology with a Professional Placement
Social Sciences

Why choose Social Sciences at Cardiff?

Many of our programmes can be extended to four years with a third year spent on a Professional Placement.

94% of our graduates are in employment and/or further study six months after graduating.*

Our research has been recognised as being internationally excellent, having a direct impact on policy and practice.

Our students benefit from our strong links with local government, policy-makers, the police, and other third-sector organisations.

Our research in Education and Sociology was ranked 5th and 3rd in the UK respectively in the 2014 UK Research Excellence Framework assessment.*

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours

<table>
<thead>
<tr>
<th>Programme</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criminology BSc*</td>
<td>L370</td>
</tr>
<tr>
<td>Education BSc*</td>
<td>8G46</td>
</tr>
<tr>
<td>Human and Social Sciences BSc*</td>
<td>58H2</td>
</tr>
<tr>
<td>Social Science BSc*</td>
<td>L301</td>
</tr>
<tr>
<td>Sociology BSc*</td>
<td>8H46</td>
</tr>
<tr>
<td>Social Analytics BSc*</td>
<td>J3G5</td>
</tr>
</tbody>
</table>

Integrated Honours

<table>
<thead>
<tr>
<th>Programme</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Law and Criminology LLB</td>
<td>M190</td>
</tr>
<tr>
<td>Law and Sociology LLB</td>
<td>ML13</td>
</tr>
</tbody>
</table>

Joint Honours

<table>
<thead>
<tr>
<th>Programme</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criminology and Sociology BSc*</td>
<td>8F46</td>
</tr>
<tr>
<td>Criminology and Social Policy BSc*</td>
<td>8D46</td>
</tr>
<tr>
<td>Sociology and Education BSc*</td>
<td>8J46</td>
</tr>
<tr>
<td>Welsh and Education BA</td>
<td>QX53</td>
</tr>
<tr>
<td>Politics and Sociology BScEcon</td>
<td>LL32</td>
</tr>
<tr>
<td>Sociology and History BScEcon</td>
<td>LV31</td>
</tr>
<tr>
<td>Journalism, Media and Sociology BA</td>
<td>LP35</td>
</tr>
<tr>
<td>Sociology and Social Policy BSc*</td>
<td>8K46</td>
</tr>
</tbody>
</table>

* Students on these programmes can choose to extend their studies to four years with the third year spent on a Professional Placement.

Typical Entry Requirements

These typical requirements are for guidance. Please check our website for latest information.

**A-level:** AAB-BBB: General Studies excluded.

**WBA:** The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

**GCSE:** English Language at Grade C or Grade 4.

See page 153 for information about GCSE equivalencies.

**IB:** 32-35 points.

**Other:** Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience.

Applications Information

Typical places: 330  Typical applications: 1,600

Find Out More

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

Download the School Brochure: [www.cardiff.ac.uk/pubs/ug](http://www.cardiff.ac.uk/pubs/ug)

Admissions Tutors:

If you wish to discuss your application with an Admissions Tutor please contact us.

Tel: (029) 2087 4208

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

Facebook.com/CardiffSocsi  @CUSocSci

Our home, the Grade 1 listed Glamorgan Building, is architecturally spectacular and also a popular filming location for BBC series, including *Sherlock* and *Doctor Who*. The Glamorgan Building houses teaching and learning facilities to support your studies, including a student support hub, ICT suites, lecture theatres, tutorial rooms and a coffee shop.

CardiffConnected

“I couldn’t have had a better degree experience. I felt supported the whole way through, our lecturers genuinely cared about us and wanted us to do well. This really showed through in the time they clearly spent preparing for lectures and seminars, and the thought they put into the assignments and projects we were given, to help us improve our skill set as budding sociologists. There were so many opportunities open to us. In my second year summer I received a bursary to study Spanish in Barcelona for a month and following this attended a research trip to New York which was an incredible experience, I learnt so much there. My time at Cardiff was a really happy one and I couldn’t recommend the course more to anyone with an interest in Sociology.”

Alexandra  BSc Sociology

Careers

Career destinations for our students include the police service, probation service, social work, welfare and housing services, youth work, teaching, community development, counselling and advocacy work, administration and human resource management. Many of our graduates also find work in the private sector, including finance and marketing, tourism, retail, journalism, advertising, and public relations. Around a quarter of our students go on to postgraduate study.

www.cardiff.ac.uk/courses
In the School of Social Sciences, we study how society shapes the way people behave and experience the world, explored through a range of degree programmes that emphasise different aspects of social life and the institutions they rely on.

Our teaching is informed and underpinned by research into the problems and challenges of modern society. Many of our staff act as advisers to international organisations, Westminster and European parliaments, and the Welsh Government, as well as to public and private sector organisations. Our students learn from scholars who are contributing to policy debates at international, national and local levels.

Social Sciences at Cardiff

We are a large, interdisciplinary Social Science centre offering expertise in the fields of sociology, research methods, educational studies, social policy, social analytics, criminology, and psychology.

Degree Programmes

Our programmes are designed to teach the foundations of their respective disciplines, alongside the theoretical and methodological principles that underpin the social sciences. We offer Single Honours degree programmes in Criminology, Education, Sociology, Social Science, Social Analytics, and Human and Social Sciences. Our flexible Joint Honours programmes allow you to combine several of these subjects, plus Social Policy, with complementary subjects in the humanities and social sciences. LLB programmes are also available for applicants interested in studying Law.

Our programmes are built around a set of core modules that include both methodological training and substantive topics. Our study skills and inquiry-based modules enable you to apply the knowledge gained during your studies and develop important transferable skills.

Opportunities

On many of our programmes you will have the opportunity to study a work placement module and/or extend your study to four years, spending Year Three on a professional placement. We also offer four-year programmes with the third year spent studying abroad.

Social Science

Our degree in Social Science explores cross-cutting themes such as ethnicity, gender and inequality. It allows you to study across the social science spectrum – criminology, education, psychology, sociology, social policy, social analytics – and think outside of conventional disciplinary boundaries.

Organising your studies thematically allows you to study the same topic from a number of different perspectives and gain a more holistic understanding of complex social phenomena.

You can choose modules that enable you to study a particular topic in depth or spread your studies across the spectrum of modules offered. Topics reflect current research strengths and have recently included: crime and security, critical psychology, educational policy, misuse of data in the media, European governance and policy, identity and subjectivity, gender and sexuality, health and medicine, and work and employment.

You will have the opportunity to study a work placement module and/or extend your study to four years, with Year Three spent studying abroad or on a professional placement.

By studying across disciplines, you will become a social scientist with knowledge of a range of perspectives and an understanding of how they can work together.

Criminology

Criminology focuses on both the processes of criminalisation and victimisation and responses to crime and disorder. It investigates how behaviours are defined as ‘criminal’ or ‘anti-social’, how victims are affected by their experiences, and how societies deal with new types of crime. During the course of your degree, you will learn about the different approaches to criminological research and the different approaches to criminal justice they illuminate.

Our programme examines problems of crime, justice and crime control, and shows how social science research can be applied to ‘real world’ issues and debates. It is taught by criminologists with strong links to local police, probation and criminal justice services.

You may have the opportunity to study a work placement module and/or extend your study to four years, with Year Three spent studying abroad or on a professional placement.

Education

Our degree in education explores and questions the social, psychological, political and economic foundations of education and enables you to investigate the evidence-base that informs education policy and practice.

Your study is underpinned by our research in this field and the latest developments in policy and practice, encompassing aspects of culture and identity, childhood and youth, gender and ethnicity, and social justice and inclusion.

You will focus on local, regional, national, global and comparative contexts of education, and this will be underscored by our close links with policy makers, local schools, colleges, and other education and training organisations.

This degree provides an excellent basis for those interested in postgraduate teacher training, as well as employment in other professions including social care, youth and community work, local government, careers guidance, and education and policy research.

You may have the opportunity to study a work placement module and/or extend your study to four years, with Year Three spent studying abroad or on a professional placement.

Human and Social Sciences

A unique opportunity to combine psychology with another social science discipline, this degree is recognised by the British Psychological Society (BPS) as the basis for graduate membership – the starting point for a career in psychology.

Graduates awarded 2:2 or higher, and who have passed their dissertation, will be eligible to apply for the Graduate Basis for Chartered Membership (GBC) of the BPS.

This programme builds up a range of skills and knowledge on issues such as social change, gender, class and ethnicity, whilst developing a critical understanding of psychology. In addition to modules in psychology and social research methods, you can choose from a wide range of modules in education, sociology and social analytics.

The flexibility of the programme means that you can choose to engage with topical issues and debates from across the social sciences, or tailor your choices, with specific career options in mind, to a particular pathway.

You will have the opportunity to study a work placement module and/or extend your study to four years, with Year Three spent studying abroad or on a professional placement.

Sociology

Key to sociology is the idea that, although every society presents us with particular expectations, opportunities and problems, and we each respond to these in different ways, we always do so with reference to the social relationships, groups and institutions that are familiar to us. In studying how societies are reproduced and changed through people’s behaviour, sociology brings to light the complex and sometimes fragile connections that bind the individual to the collective.

We focus on the traditional sociological concerns of race, class and gender and how the inequalities associated with these, as well
as age, religion and ethnicity, are produced and reproduced. We also explore issues that are unique to modern societies, such as the effect of emergent technologies like social media, problems of urban governance and vulnerability, and developments in medicine and biosciences.

You may have the opportunity to study a work placement module and/or extend your study to four years, with Year Three spent studying abroad or on a professional placement.

**Social Analytics**

Every day we read news headlines quoting figures relating to everything from Brexit and migration, to teenage pregnancy and sexual health. In a world saturated with data, figures and statistics, Social Analytics is concerned with making sense of the social world that we live in by critically evaluating the knowledge claims being made.

This programme offers a unique opportunity to investigate our society through quantitative research via a range of disciplines including Sociology, Criminology, Human and Social Sciences, Social Policy and Education. Social Analytics is an interdisciplinary degree suitable for students interested in themes that cut across the Social Sciences, such as inequality, health, deviance, gender and ethnicity.

The curriculum has been designed in collaboration with employers to give you the skills that you need to succeed in the modern workplace. Social Analytics graduates will be data-savvy, critical consumers of information, with significant software and analysis skills who also benefit from the substantive expertise of a Social Science education.

This Single Honours programme has a compulsory placement module in Year Two and can be extended to four years with Year Three spent studying abroad or on a Professional Placement.

**Social Policy**

Social Policy is the study of human wellbeing and the ways in which societies seek to promote wellbeing through state welfare agencies, the private sector, and the voluntary and community sector. You will gain a critical understanding of the challenges of responding to human need and managing the provision of social services. Policy debates covered by social policy include: social security, education, health, housing and personal social services, as well as policies seeking to address new challenges such as tackling global warming and promoting environmental sustainability.

Please note: This programme is only available as a Joint Honours subject and must be studied alongside another discipline. All Social Policy Joint Honours Programmes can be extended to four years with Year Three spent studying abroad or on professional placement.

**Further Information**

**Methods of Teaching and Assessment**

Teaching takes place through lectures, discussion-based seminar groups, workshops and computer-based lab sessions. We cover key theories and debates, provide training in research methods, and feature research carried out by our academic staff.

Our teaching staff include a number of internationally recognised experts who contribute to the undergraduate curriculum. Students usually take six modules each year, including a mix of core and optional modules depending on the programmes. In Year One, you meet regularly with your Personal Tutor in small groups and follow a programme in which you are supported as you develop your study skills and learn how to be a social scientist.

Depending on your chosen programme, you may embark upon a supervised dissertation in your final year, which involves presenting at our annual dissertation conference.

Students at university learn in many different ways. These include lectures, seminars and tutorials, as well as feedback and project supervision. Private or independent study is also crucial for deepening understanding and developing research skills. This includes background reading, preparing for seminars, conducting research, completing assignments and revision work.

Our programmes have a range of assessment methods including examinations, essays, practical work, individual and group projects and presentations.

We very much value the active participation of our students in teaching and learning, and in the life of the School. Our students give feedback on all courses and our Student-Staff Panel encourages the fruitful exchange of ideas. For non-academic activities, the student-run Social Science Society organises regular social events.

**Enhancing your Degree**

Opportunities to study, work or volunteer abroad are available as summer placements. Most programmes also offer the opportunity to transfer onto a four year programme, spending your third year on a professional placement or studying abroad. Popular destinations for study abroad include North America, Europe, Hong Kong, Singapore, and New Zealand.

**Admission Procedures**

Offers of places are normally made on the basis of A-level results, but we also accept a wide range of alternative qualifications. We do not generally interview candidates. All applicants who are offered a place will be invited to an Offer Holder Open Day.

**Careers**

Our dedicated Employability and Placements Manager works to improve students’ wider skills and experiences, in order to maximise their employability. We also offer a number of modules that include placement opportunities that enhance your employability by combining study with first-hand work experience.

**Postgraduate Opportunities**

We offer a range of taught Masters degrees as well as a PGCE for those interested in specialising in teaching at the post-16 levels of education (in further education, sixth form colleges etc). We also offer PhDs and Professional Doctorates and have around 200 students studying for a PhD or MPhil by research.
Why choose Welsh at Cardiff?

Committed to research that delivers real social and cultural change. We achieved the maximum possible rating (100%) for our impact in REF 2014.

91% of our graduates are in employment and/or further study six months after graduating.*

100% of our students were satisfied overall.*

Recognising the importance of practical experience, every student will complete a period of work experience in the second year.

84% of our submitted research was rated at least of international standard with 81% classed as “internationally excellent” or “world-leading”. *

*See page 40 for details of statistical sources.
Degree Programmes/UCAS Codes

Single Honours
Welsh BA Q560
(For the part-time degree in Welsh, please contact us directly)
Welsh and the Professional Workplace BA Q561

Joint Honours
Business Management with Welsh BSc NQ26
Welsh and Journalism BA PQ55
Welsh and another Humanities subject (See page 146)

Honours LLB
Law and Welsh LLB MQ15

Typical Entry Requirements
These typical requirements are for guidance. Please check our website for latest information.

A-level: Single Honours:
BBC including a B in Welsh (first language and second language routes).

Joint Honours: AAA-BBB
Must usually include at least Grade B in Welsh for first and second language students.
For detailed eligibility criteria across Joint Honours programmes, please contact us.
Candidates without Welsh at A-level, but whose Welsh is of an equivalent standard, may still be eligible to apply. Please contact us to discuss.

WBA: The Welsh Baccalaureate Advanced Skills Challenge Certificate will be accepted in lieu of one A-level (at the grades listed above), excluding any specified subjects.

IB: 30 points including at least 5 in Welsh at Higher Level.

Other: Applications from those offering alternative equivalent/overseas qualifications are welcome, as are those who may have other relevant work/life experience.

Other Requirements
There are no specific subjects required, however A-levels must include a minimum of two traditional academic subjects. Please check our website for more information.
General Studies is not accepted.

GCSE: English or Welsh at Grade C.
Please see page 153 for information about GCSE equivalencies.

Careers
With demand for Welsh language skills and expertise in many public and private sector fields (including the media, education, local and national government), a degree in Welsh or in Welsh combined with another subject provides a valuable qualification for posts requiring bilingual personnel.
Many of our graduates have secured careers in law, the media, the performing arts, administration, communications and teaching at all levels.

Applications Information
Typical places: 25  Typical applications: 100

Find Out More
Web: www.cardiff.ac.uk/courses
Download the School Brochure: www.cardiff.ac.uk/pubs/ug
Admissions Tutor: Dr Angharad Naylor
Tel: (029) 2087 4710
Email: derbyncymraeg@cardiff.ac.uk
Facebook.com/ysgolygymraeg  @ysgolygymraeg  ysgolygymraegpc

CardiffConnected
“Moving to Cardiff from the Cardiganshire countryside was quite a big step but without a doubt it was the best decision I’ve made. The University has provided me with a wealth of experiences. I have had the honour of being the President of the Welsh Society (y Gym Gym) and organising a whole host of events and activities. Additionally, the School of Welsh has been a huge benefit. It’s a close community which offers an excellent and diverse selection of modules such as Sgriptio (Scriptwriting), Llenyddiaeth Plant (Children’s Literature), Cyfeithu Profesiynol (Professional Translation), Yr Ystafell Ddosbarth (The Classroom), Mapio’r Cymry (Mapping the Welsh), Y Gymraeg yn y Gymru Gyfoes (Welsh in Contemporary Wales) and many many more. The School is full of excellent lecturers who specialise in interesting subjects.

“Be bold and embrace the vibrancy of the capital city, I have no doubt you’ll enjoy many different experiences and make friendships that will last a lifetime.”

Carwyn  BA Welsh
We are committed to the development of language, society and identity in contemporary Wales through teaching and research of the highest standard.

Combining the study of language and literature we offer unique modules relevant to Welsh in today’s Wales. Whatever the subject area, whether children’s literature or language planning, you study in an innovative and progressive way. Our diverse selection of modules has included translation studies, heritage and tourism, sociolinguistics, language acquisition, poetry and prose, mapping the Welsh, and creative writing.

Preparing you for life outside of the University is also an important element of our work. We offer a number of modules related specifically to Welsh in the community and the workplace. There are also multiple opportunities to participate in work experience with a range of institutions. These experiences will help you understand the role you can play in the future development of Wales - economically, socially and culturally. You’ll leave fully equipped with the skills, knowledge, tools and ambition to make your mark in your chosen field.

Employability and Professional Experience

Our modules will provide you with a range of transferable skills. You will also benefit from a varied selection of optional modules which can help you specialise in particular fields or career pathways.

Recognising the importance of practical experience, we also guarantee a period of work experience for every student through our core module – Yr Iaith ar Waith. This provides you with an opportunity to put your skills to the test in a professional setting. It also offers you the opportunity to begin building your professional network and make valuable connections with workplaces and employers throughout Wales. Previously, our students have undertaken placements with the BBC, S4C, Welsh Government, National Assembly for Wales, National Museum Wales, Bomb Cymru, the Urdd, Mentrau Iaith and a range of organisations in the fields of translation, law and media/production.

While every student will spend a period of time in the second year on a work experience placement, our BA Welsh and Professional Workplace offers you the opportunity for work experience in the final year as well. As a student on the programme, you will also complete an independent research project based around the workplace.

Year One

We offer a range of first and second-language modules which are available to all Year One students who meet our selection criteria.

First-language Single Honours students will usually study six 20 credit modules that concentrate on the language itself, writing skills, literature of different periods, and Wales and its culture.

Second-language Single Honours students usually study six 20 credit modules that form an intensive specialised route. This allows you to develop communication skills through the medium of Welsh and gain the confidence to use the language in various situations.

To develop your confidence further in using Welsh, and to establish Welsh from the outset as the natural language used in the School, additional opportunities are provided for second-language students throughout the degree programme.

Year Two and Final Year

For the Single Honours programme you are required to take a number of core modules, together with a variety of literary and/or language options. The literary options cover the medieval and modern periods; the language options include the sociology of Welsh, language planning and topics relating to linguistic variation, both social and geographical. You will find the full range of modules on our website. An attractive feature of our programme is flexibility; you can specialise in literary studies, medieval or modern, or in language studies, or you may take a combination of modules reflecting your own particular academic interests and career ambitions.

Joint Honours

If you wish to combine the study of Welsh with another subject, you would usually study three 20 credit modules (first language) or four 20 credit modules (second language) in Year One. In Year Two and the final year you select an equal number of options from the Welsh degree programme and from the other subject that you elect to study. We offer a wide selection of Joint Honours programmes with other arts and humanities subjects.

Law and Welsh

This programme aims to produce graduates qualified to employ their legal knowledge through the medium of Welsh as well as English. The degree meets the requirements of the professional bodies in relation to proceeding to qualification as a solicitor or a barrister, while also allowing you to pursue interests of a linguistic or literary nature. In order to study this programme you will normally be expected to have studied Welsh as a first language to A-level standard. (See also the School of Law and Politics entry on page 99).

Business Management with Welsh

This programme is offered jointly with Cardiff Business School and combines specialist information and skills relevant to the field of business management and the field of Welsh. You will develop a thorough understanding of the business world in Wales (and beyond) within the context of Welsh language and culture. You will spend approximately a third of your time studying modules with us. The programme is suitable for those who have studied through the medium of Welsh at A-level or who have an equal standard of Welsh.

You are not required to hold an A-level in Welsh to study this programme.

Welsh and Journalism

This programme provides an opportunity to study Journalism with Welsh. The programme has been designed in response to the high demand for journalists with Welsh language and journalistic skills. The programme combines academic rigour and analysis with the opportunity for work experience and practical extra-curricular activities. This programme is only available if you are following the first-language Welsh route.
Further Information

Joint Honours Degree Programmes 146
English Language Programmes 148
International Foundation Programme 149
Preliminary Year Programmes 150
Fees 151
How to Apply 152
Important Legal Information 153
General Index 154
Degree Subject Index 154
Finding Out More 156
Open Days 156
Travelling to Cardiff 156

Find out more online:
www.cardiff.ac.uk/undergraduate

Visit our website for more information on:
• Joint Honours Degree Programmes
• Admissions and Selection Criteria
• Application
• Preliminary/Foundation Courses
• Fees and Funding
• Open Days
Joint and Integrated Honours Degree Programmes

We offer a diverse and exciting range of Joint Honours and Integrated Honours degree programmes.

Joint Honours Degree Programmes (BA/BScEcon) in the Humanities and Social Studies

Joint Honours degree programmes entail studying two subjects in equal proportions throughout your period of study. These are designed to maximise student choice and flexibility. Select a subject from those highlighted and look beneath it to choose another subject which can be combined with it. The UCAS codes are listed alongside.

### Ancient History and:
- English Literature BA QV31
- French BA RV11
- German BA RV21
- History BA V117
- Italian BA RV11
- Philosophy BA RV31
- Religious Studies BA RVQ1
- Spanish BA RV4C

### Archaeology and:
- English Literature BA QV34
- French BA RV14
- German BA RV24
- History BA V114
- Italian BA RV34
- Philosophy BA RV54
- Religious Studies BA RV64

### Economics and:
- French BA RL11
- German BA RL21
- History BA VL11
- Italian BA RL31
- Philosophy BA VL31
- Politics BScEcon LL12
- Spanish BA LR14

### Education and:
- Welsh* BA QX53

### English Language and:
- French BA QR31
- German BA QR32
- Italian BA QR33
- Philosophy BA QV35
- Spanish BA QR3K
- Welsh BA QQ35

### English Literature and:
- Ancient History BA QV31
- Archaeology BA QV34
- French BA RQ13
- German BA RQ23
- History BA VQ13
- Italian BA RQ33
- Journalism, Media BA PQ53
- Music BA WQ33
- Philosophy BA VQ53
- Religious Studies BA VQ63
- Spanish BA RQ34
- Welsh BA QQ53

### French and:
- Ancient History BA RV11
- Archaeology BA RV14
- Economics BA RL11
- English Language BA QR33
- English Literature BA RQ13
- German BA RR21
- History BA VR11
- Italian BA RR31
- Japanese BA TR21
- Music BA WR31
- Philosophy BA VR51
- Politics BA LR21
- Portuguese BA VR63
- Spanish BA RR14
- Welsh* BA QR51

### German and:
- Ancient History BA RV21
- Archaeology BA RV24
- Economics BA RL21
- English Language BA QR32
- English Literature BA RQ23
- French BA RR21
- History BA VR12
- Italian BA RR32
- Japanese BA TR22
- Music BA WR32
- Politics BA LR22
- Portuguese BA S89P
- Religious Studies BA VR62
- Spanish BA RR24

### History and:
- Ancient History BA V117
- Archaeology BA VV14
- Economics BA VL11
- English Literature BA VQ13
- French BA VR11
- German BA VR12
- Italian BA VR31
- Music BA WV31
- Philosophy BA VV15
- Religious Studies BA VV61
- Sociology BScEcon LV31
- Spanish BA RV41
- Welsh BA VV51

### Italian and:
- Ancient History BA RVJ1
- Archaeology BA RV21
- Economics BA RL11
- English Language BA QR33
- English Literature BA RQ33
- French BA RR31
- German BA RR32
- History BA RV31
- Japanese BA TR23
- Music BA WR33
- Philosophy BA VR53
- Politics BA LR23
- Portuguese BA W4Y6
- Religious Studies BA VR63
- Spanish BA RR34
- Welsh* BA QR53

### Japanese and:
- Ancient History BA TR23
- Archaeology BA TR21
- Economics BA TR22
- English Language BA TR23
- English Literature BA W4Y6
- French BA SP24
- German BA SP34
- Italian BA SP35
- Japanese BA SP53
- Music BA SP35
- Politics BA SP53
- Portuguese BA SP53
- Religious Studies BA SP53
- Spanish BA SP53

### Journalism and:
- Welsh* BA PQ55

### Journalism, Communication and:
- Politics BA J323

### Journalism, Media and:
- English Literature BA PQ53
- Sociology BA LP35

### Modern History and:
- Politics (Integrated Single Honours Degree Programme) BScEcon LV21
Further Information

Part-Time Study

The programmes listed in this prospectus are all taught on a full-time basis. However, some are also available on a part-time basis:

- Ancient and Medieval History BA
- Ancient History BA
- Archaeology and Ancient History BA
- Archaeology and Medieval History BA
- Archaeology BA
- Dental Nursing CertHE
- English Language and Linguistics BA
- English Language BA
- English Literature and Creative Writing BA
- History BA
- Intra and Perioperative Practice BSc
- Operating Department Practice (Sessional) BSc
- Philosophy BA
- Welsh and the Professional Workplace BA
- Welsh BA

Specific details about these programmes (e.g. time commitment) are available from the Admissions Tutor in the appropriate Academic School (contact details are listed in each School entry of this prospectus).

If you wish to study part-time you should apply directly to the University (and not UCAS) and your application will be considered by the relevant Admissions Tutor.

You can apply online at: www.cardiff.ac.uk/apply

Further advice is available by contacting the Admissions Office:
Tel: (029) 2087 9999
Email: admissions@cardiff.ac.uk

Part-Time Courses

The Continuing and Professional Education Department provides a wide range of part-time day and evening courses. For more information please see our website: www.cardiff.ac.uk/part-time-courses-for-adults
English Language Programmes

We offer a variety of courses to prepare you for your degree programme. We also continue to provide language and study support during your undergraduate studies.

**English for University Study**

*is a full-time English language and study skills course, designed to improve your English language skills to the standard needed to successfully complete your chosen degree programme.*

To cater for different student needs and levels, the English for University Study Programme has several entry points: September (minimum entry IELTS 4.0), January (minimum entry IELTS 4.5) and April/May (minimum entry IELTS 5.0).

To comply with UKVI Tier 4 regulations, students must have a minimum of IELTS (Academic) for UKVI 4.0 in each sub-score.

**The Pre-Sessional English Course** is an intensive summer programme in English for academic purposes.

The course syllabus includes English language skills, study skills, exam strategies and the academic information and training you need to successfully complete your degree programme. The courses run between June and September.

- **8 Week A and B:** Students with IELTS 6.0 with all sub-scores at 4.0 or higher, who have a course entry requirement of IELTS 6.5.
- **10 Week:** Students with IELTS 6.5 with all sub-scores at 4.0 or higher, who have a course entry requirement of IELTS 7.0.
- **12 Week*:** Students with IELTS 5.5 who have a score of 5.0 in Writing and all other sub-scores at 4.0 or higher, who have a course entry requirement of IELTS 6.5.
- **20 Week*:** Students with IELTS 5.0 who have a score of 4.5 in Writing and all other sub-scores at 4.0 or higher, who have a course entry requirement of IELTS 6.5.

*Accepted by certain Academic Schools – please see our website for further details.

**Language Support Throughout Your Studies**

We offer a variety of In-sessional English language and study skills courses specially designed to support our full-fee paying international students.

**Sessions available include:** Listening and Notetaking, Pronunciation, Reading Strategies, Academic Writing, One-to-One Writing Tutorials, Presentation Skills and Seminar Skills.

**Further Information**

For further information, please contact the English Language Programmes Office:

Tel: +44(0)29 2087 6587
Fax: +44(0)29 2087 6141
Email: elt@cardiff.ac.uk

www.cardiff.ac.uk/elt/efus
www.cardiff.ac.uk/summerpresessional
International Foundation Programme

This is a nine month academic course which is designed to give you the required academic and English language skills to enter a variety of degree programmes at Cardiff University.

The Programme is available in the following subject areas:
- Business
- Engineering
- Health and Life Sciences
- Humanities and Social Sciences
- Psychology.

The programme offers the only direct progression routes into undergraduate degrees in Business, Engineering, the Health and Life Sciences and Psychology, for international students.

You can also apply for progression to other courses at Cardiff University.

You will benefit from the excellent library, computing, sporting and welfare facilities that Cardiff University offers and will be supported by International Foundation Programme staff and two Personal Tutors.

Course Content
We have designed this programme to give you a solid foundation in your chosen subject area, as well as to give you the best possible information and assistance for your time as a student in the UK. You will study a combination of academic modules related to your intended degree programme, supported by further modules in English language and study skills.

Entry Requirements
Applications are welcomed from non-European students who have successfully completed their secondary education at a level equivalent to 12th grade and who have an IELTS (Academic) for UKVI score of 5.5 (with a minimum of 4.0 in each sub score). Some courses (such as Medicine, Pharmacy, Psychology and Optometry) have higher entry requirements: please see our website for details.

If you have any questions about the suitability of your qualifications please contact us and we will be very happy to help.

How to Apply
Please check our website for details of how to apply online. We will need to see:
- Transcripts of your school results so far
- English language test results
- An academic reference.

If you are unable to send any of this information you can still apply, but your application may be delayed until we receive these details.

Tuition Fees
Tuition fees for the year 2019/2020 are £15,950. Cardiff is one of the most affordable cities in the UK. See our simple living costs calculator at: www.cardiff.ac.uk/livingcosts

Further Information
We understand that your choice of foundation programme is very important to both you and your family. We are here to answer any questions that you have and you are very welcome to contact us at any time:

Tel: +44 (0)29 2087 6416
Fax: +44 (0)29 2087 6591
Email: foundation@cardiff.ac.uk
or visit our website at: www.cardiff.ac.uk/ifp

Students from more than 100 countries are represented on campus

Students study a range of degree programme related modules, along with English language and study skills modules

Students study a range of degree programme related modules, along with English language and study skills modules
Preliminary Year Programmes

Programmes/UCAS Codes

<table>
<thead>
<tr>
<th>Programme</th>
<th>UCAS Code</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biochemistry BSc</td>
<td>C74C</td>
<td>45</td>
</tr>
<tr>
<td>(4 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5 year Prelim and Prof Year)</td>
<td>CR41</td>
<td></td>
</tr>
<tr>
<td>Biological Sciences BSc (Zoology)</td>
<td>C102</td>
<td>45</td>
</tr>
<tr>
<td>(4 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5 year Prelim Year and Prof Year)</td>
<td>C103</td>
<td></td>
</tr>
<tr>
<td>Biological Sciences BSc</td>
<td>C302</td>
<td>45</td>
</tr>
<tr>
<td>(4 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5 year Prelim Year and Prof Year)</td>
<td>C303</td>
<td></td>
</tr>
<tr>
<td>Biomedical Sciences BSc</td>
<td>B900</td>
<td>45</td>
</tr>
<tr>
<td>(4 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5 year Prelim Year and Prof Year)</td>
<td>B901</td>
<td></td>
</tr>
<tr>
<td>Chemistry BSc</td>
<td>F105</td>
<td>57</td>
</tr>
<tr>
<td>(4 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dentistry BDS</td>
<td>A204</td>
<td>63</td>
</tr>
<tr>
<td>(6 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering BEng</td>
<td>H101</td>
<td>72</td>
</tr>
<tr>
<td>(4 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medicine MBBCh</td>
<td>A104</td>
<td>107</td>
</tr>
<tr>
<td>(6 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neuroscience BSc</td>
<td>B141</td>
<td>45</td>
</tr>
<tr>
<td>(4 year Prelim Year)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5 year Prelim Year and Prof Year)</td>
<td>B140</td>
<td></td>
</tr>
<tr>
<td>Pharmacy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Please contact the</td>
<td></td>
<td>124</td>
</tr>
<tr>
<td>School of Pharmacy directly.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
<td>127</td>
</tr>
<tr>
<td>Please contact the</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School of Physics directly.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Preliminary Year programme includes modules in Biosciences, Chemistry and Maths. The particular modules studied depend on your academic background and the requirements of your chosen degree subject, and will be agreed through discussion with staff at induction.

On successful completion of the Preliminary Year, you automatically progress into the first year of your chosen degree programme. However, please note that transfer from other preliminary year degree programmes to Dentistry and Medicine is not permitted.

If you are admitted onto one of the Biosciences degree programmes, you have the opportunity to change your degree programme within the same programme if your interests change e.g. from BSc Biological Sciences to BSc Biomedical Sciences. You may also have the opportunity to transfer to one of our four Masters degrees, subject to your overall academic performance in Years Two and Three of your BSc course. In addition, Biosciences offer specialised degree programmes, details of which can be found on page 45.

The Schools of Medicine and Dentistry offer Foundation Year programmes. You are taught alongside those enrolled on the Preliminary Year in Science.

The School of Engineering offers a separate Foundation Year programme.

With respect to a Foundation Year in Physics, please contact the School of Physics and Astronomy for more information. Regarding queries for a Preliminary Year in Pharmacy, please contact the School of Pharmacy and Pharmaceutical Sciences for information.

If you are seeking admission to a degree programme incorporating a Preliminary or Foundation Year, you should apply via UCAS (see course codes, left). You will need to satisfy the appropriate Admissions Tutor as to your competence to pursue a degree programme. The Preliminary Year is not meant to be a route for students who have failed to achieve the required grades in their A-levels.

For admissions enquiries and, specifically, advice regarding your qualifications, you must contact the appropriate Admissions Tutor in the School related to your degree programme of interest.

Contact details can be found on the main subject pages - see page numbers listed in box, left.

For general enquiries (and not admissions queries) about the content of the Preliminary Year in Science programme, please contact:

Dr Helen Jones
Tel: (029) 2087 4771
Email: JonesHE1@cardiff.ac.uk

For enquiries about the Engineering Foundation Year, please contact the School of Engineering:

Tel: (029) 2087 4656
Email: engineering-ug@cardiff.ac.uk
Fees

The University charges an annual fee which covers all tuition fees, essential course costs, registration and examinations, other than the re-taking of examinations by applicants not currently registered. Please note that charges for accommodation in University Residences are additional.

Tuition Fees
Tuition fees are published on our website at: www.cardiff.ac.uk/fees
UK/EU Student Fees
Please note that our fees are subject to change. These changes will be in line with government policy. Please see our website for more information.

International Student Fees
Fees will be fixed for three years for international students. For courses longer than three years, notably Medicine and Dentistry, fee increases will be applied at different points. Please see our website for more information.

Scholarships and Bursaries
For information on financial support provided by the University please visit: www.cardiff.ac.uk/funding-ug

Assistance towards Student Tuition Fees/Student Loans
Information about student finance options is available on all the following websites:
Cardiff University Website: www.cardiff.ac.uk/fees
Student Loans Company: www.slc.co.uk
If you normally live in Wales: www.studentfinancewales.co.uk
If you normally live in England: www.direct.gov.uk/studentfinance
If you normally live in Scotland: www.saas.gov.uk

Applicants from Northern Ireland should contact their Education and Library Board. EU students applying for financial assistance need to complete form EU17N.

It is important that you apply for any funding that you are eligible for before you start your studies. Failure to apply and receive confirmation of your funding will result in the University invoicing you directly for your fees.

Important
If you withdraw from the University, please email: Fees@cardiff.ac.uk to find out the implications of withdrawal on your tuition fees. Students may also want to discuss other aspects of their withdrawal with a member of the Advice and Money Team, telephone: 029 2087 4844.

Payment of Fees
Applicants in receipt of an offer will be notified of the tuition fee and directed to the website containing fee payment information. Eligible students can take out a repayable tuition fee loan to cover the cost of all the fees. You are not required to pay the tuition fee loan back while you are studying.

Once you have finished your course and are earning the equivalent of £25,000 or more, repayments will automatically be deducted from your salary. If you do not wish to take out a tuition fee loan and wish to pay by direct debit, you can pay up-front in three instalments in November, January and April. International students can pay in full by debit card or credit card, but can also make payment in three instalments by direct debit providing they originate from a UK bank account.

Self-Paying Students
Self-paying students are allowed to pay their tuition fees in three instalments by direct debit, in November, January and April. Full details will be posted on the website that students will be directed to in the letter sent out in mid-August.

Sponsored Students
Students who have sponsorship from their Government/Embassies, or any other form of sponsorship, must provide evidence of this by emailing a copy of their written guarantee to the Tuition Fees Office before being permitted to enrol on their course. Failure by a sponsor to pay tuition fees when due will result in the student being liable for payment directly as a self-paying student.

Year Abroad and/or Placement Fees
Students undertaking a work placement year for a sandwich year will pay 20% of the full fee. Students undertaking one-year placements under the Erasmus scheme or a study placement at an overseas institution outside the Erasmus scheme will pay 15% of the full fee.

Students on the work-based learning year of the BSc/MArch Architecture programme will pay 50% of the full fee.

Overseas Tuition Fees
Following the introduction of the Education (Fees and Awards) regulations 1982 all applicants from overseas other than nationals of the EU are required to pay fees at the overseas rate. You should be aware that the regulations make it possible in some circumstances for universities to charge overseas fees to students in receipt of Student Finance. In such cases, you will be personally liable to pay that portion of the tuition fees not covered by Student Finance.

For information on fees please contact the Finance Office:
Tel: +44 (0)29 2087 4399 / 9262
Email: Fees@cardiff.ac.uk

For information on financial support please contact the Advice and Money Team:
Tel: +44 (0)29 2087 4844
Email: adviceandmoney@cardiff.ac.uk
Web: www.cardiff.ac.uk/studentssupport

Latest Information
Some changes to the information in this prospectus will inevitably occur in the interval between publication and the academic year to which the prospectus relates. Therefore, you should visit our website www.cardiff.ac.uk for more up-to-date information.

Suggestions for improvement
We make every effort to check the accuracy of the information in this prospectus at the time of going to press. However, if you feel that any of the information is misleading then please contact:
Claire Sanders, Director of Communications and Marketing, Cardiff University, Friary House, Greyfriars Road, Cardiff CF10 3AE. Email: enquiry@cardiff.ac.uk

Edited by David Roylance/Laura Roberts, Communications and Marketing Department, Cardiff University. Designed by Barry Diamond, Cardiff University. Printed by McLays (Cardiff) Ltd.

Images on pages 2, 4, 6, 8, 10 and 11 copyright visitcardiff.com

This prospectus is printed on paper obtained from well managed sources using vegetable-based inks. Both the paper used in the production of this prospectus and the manufacturing process are FSC® certified. The printers are also accredited to ISO14001, the internationally recognised environmental standard.

The use of animal-derived products in Undergraduate Teaching
Given the nature of the subjects, the use of functioning non-human organisms and animal derived products in practical work and scientific study is a requirement of many of the degree programmes offered by the Schools of Biosciences, Pharmacy and Optometry and Vision Sciences.

Sensitivity is exercised, and in the very rare case of a student being unable to carry out work on non-human organisms and animal derived products alternatives may be sought where practicable, where permitted in course regulations, and where there is no conflict with learning outcomes. If in doubt, applicants can obtain further information from Admissions Tutors.
How to Apply

Applications for full-time undergraduate programmes at Cardiff should be made through UCAS.

Applications are made online via the UCAS website: www.ucas.com/apply

The UCAS website provides information on how to apply and explains the application procedure. You are advised to consult this information carefully before completing your application. Applications from UK/EU applicants should be made by 15th January 2020 (or 15th October 2019 for Dentistry and Medicine courses). However, late applications may be considered after this date at the relevant School’s discretion.

The Cardiff University UCAS code is C15 CARDF and degree programme codes are listed in this prospectus.

Admissions

We welcome applications from people from all backgrounds with the potential and determination to succeed on our programmes of study. Starting with our admissions and recruitment practices we work to deliver a comprehensive range of services dedicated to helping students make the most of student life.

We are committed to promoting equality and diversity in all of our practices and activities, including those relating to student recruitment, selection and admission.

Entry Requirements

The typical entry requirements listed in this prospectus are stated in terms of A-levels, International Baccalaureate and the Welsh Baccalaureate Advanced Skills Challenge Certificate, but we welcome applications from those offering alternative qualifications at an equivalent level, including those with combinations of qualifications and those with other relevant life/work experience. In many cases, typical offers for these qualifications are listed on our website along with information about relevant admissions and selection criteria.

If you are applying for a Joint Honours programme you are advised to check our website for entry requirement information.

For further information please visit: www.cardiff.ac.uk/courses

Our Admissions Tutors are also able to give you advice. Contact details are listed in this prospectus.

Admissions Policies and Procedures

For further information about our admissions policies and procedures please visit: www.cardiff.ac.uk/apply or contact the Admissions Office:

Email: admissions@cardiff.ac.uk
Tel: 029 2087 9999

Deferred Entry

Most of our degree programmes will consider applications from those wishing to defer entry for a year. We ask that this be clearly indicated, with your reasons for deferral, on your application.

Curriculum Changes

Significant changes have been made to the school curriculum in England and Wales in recent years. Our approach to some of these changes is outlined below but detailed information can be found on our website at: www.cardiff.ac.uk/apply

Practical Science

Where applicable, we will expect applicants to have taken this element. For a number of our programmes (primarily in science subjects) where a qualification includes a practical science element, you will be required to pass this to gain entry onto the programme. Please see our website for more specific detail.
Welsh Baccalaureate Skills Challenge Certificate
We accept the Welsh Baccalaureate Advanced (WBA) Skills Challenge Certificate as equivalent to an A-level for admission at the same grade for entry to all of our undergraduate degree programmes.

If you are studying the WBA Skills Challenge Certificate in combination with three A-levels, any offer you are made for entry will be flexible, allowing you to satisfy the grades required EITHER from the WBA Skills Challenge Certificate and two A-level grades OR grade requirements from three A-levels.

Please note that any specific subject requirements in all combinations must be met.

Extended Project Qualification (EPQ)
We recognise the EPQ for entry for all our degree programmes with the exception of Medicine and Dentistry.

Where an applicant is taking the EPQ alongside 3 A-levels (or equivalent) this will be recognised in an offer of study (bar the exceptions given above) on the basis that, achieving a grade A in the EPQ will lower the entry requirements by a single grade. For example an AAB at A-level offer would be amended to “AAB at A-Level in 3 subjects OR grade A in the EPQ and ABB at A-level in 3 subjects”.

GCSE Equivalencies
GCSEs in England and Wales have different grading structures. Please note that our entry requirements are subject to change so check our website for latest equivalencies.

International Applicants
Applications from international students will be accepted by UCAS between 1 September 2019 and 30 June 2020 (or 15 October 2019 for Dentistry and Medicine). We recommend that you apply as early as possible, as some courses have limited spaces. Please also see page 36.

Applicants for Healthcare Courses
Medical Check
If you are planning to study a healthcare course, you will be required to have a medical check prior to starting your course. The Occupational Health Service oversees this screening process.

Criminal Records Check
Admission to healthcare courses is subject to the Rehabilitation of Offenders Act (1974) Section 4(2)(Exemption) Order 1975 and DHSS Circular HV (88)9 guidelines regarding child protection and police checks. Placements for these programmes are also defined as regulated settings within the Safeguarding Vulnerable Groups Act 2006. Therefore, if you intend to apply, you will be required as a condition of a registration/admission to provide a satisfactory Disclosure and Barring Service (DBS) disclosure.

Notes for Welsh Language Applicants
Our education is primarily in English, but provision through the medium of Welsh is available and being developed in some areas. We recognise that Welsh speakers may feel more comfortable with a Welsh speaking Personal Tutor. Provided there are Welsh speaking members of staff in your subject area, every effort will be made to allocate a Welsh speaker to you. If you wish, you can also submit assessed work and take examinations through the medium of Welsh, regardless of the language of tuition of the programme. (This may not be possible in certain clinical areas.) Some accommodation at Talybont and Senghennydd Court student residences has been allocated for Welsh speakers and learners who would like to be grouped together. Please note, if you would like to take advantage of this in your accommodation application.

More information is available on our website: www.cardiff.ac.uk/apply

Part-Time Study
Please see page 147.

Equality and Diversity
We are committed to promoting equality and diversity in all of our practices and activities, including those relating to student recruitment, selection and admission. We aim to establish an inclusive culture which welcomes and ensures equality of opportunity for applicants of all ages, ethnicities, disabilities, family structures, genders, nationalities, sexual orientations, races, religious or other beliefs, and socioeconomic backgrounds.

Enrolment and Semester Dates
More information about enrolment and semester dates is available online: www.cardiff.ac.uk/enrolment www.cardiff.ac.uk/semesterdates

Please Read Carefully – Important Legal Information
The contents of this prospectus relate to the Entry 2020 admissions cycle and are correct at the time of going to press in January 2019. 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 - www.cardiff.ac.uk 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 and which you are advised to read before making an application. The terms and conditions set out, for example, when we might make changes to your chosen course or to student regulations. It is therefore important you read them, and understand them.

If you are not able to access information online please contact us:

Email: enquiry@cardiff.ac.uk
Tel: 029 2087 4455

Your degree: Students admitted to Cardiff University study for a Cardiff University degree.
General Index

A
Accommodation 26
Admissions Policies 152
Advice and Money 30
Applications 152

B
Brochures (Academic School) 156
Bursaries 151

C
Cardiff – a Capital City 8
Cardiff – the University 12
Careers 22
Chaplaincies 31
Clubs and Societies 32, 34
Computing Facilities 30
Counselling 31
Criminal Records Check/DBS 153

D
Day Care Centre 31
Deferred Entry 152
Disabilities 31
Doctors 31

E
Employability 22
English Language Programmes 148
Enrolment 153
Entry Requirements, General 152
ERASMUS 24
Eye Clinic 31

F
Fees 151
Foundation Course 150

G
Global Opportunities 24

H
Halls of Residence 26
Health Service 31
How to Apply 152

I
Information Services 30
International Foundation Programmes 149
International Students 36

J
Jobs/Jobshop 32
Joint Honours Degree Programmes 146

L
Languages for All 24
Library 30

M
Maintenance Grants/Loans 151
Map 38
Medical Checks 153

N
Nightlife 8, 32

O
Open Days 156

P
Part-time study 147
Preliminary Year Programmes 150

R
Residences 26

S
Scholarships 151
Schools’ Liaison 156
Semester Dates 153
Societies and Clubs 32
Sports 34
Student Bloggers 29
Student Residences 26
Student Support Services 30
Students from Around the World 36
Students’ Union 32

T
Tours 156
Tuition Fees 151

U
UCAS Application Procedures 152
Union, Students’ 32
University, The 12

V
Visiting the University 156

W
Welfare 30
Welsh Baccalaureate 153

Degree Subject Index

A
Accounting 52
Accounting and Finance 52
Accounting with a European Language 52
Anatomy/Anatomical Sciences 45
Ancient and Medieval History 92
Ancient History 92
Applied Mathematics 103
Applied Psychology 134
Applied Software Engineering 60
Archaeology 92
Archaeology and Ancient History 92
Archaeology and Medieval History 92
Architectural Engineering 72
Architectural Studies 42
Astronomy 127
Astrophysics 127

B
Banking and Finance 52
Banking and Finance with a European Language 52
Biochemistry 45
Biological Sciences 45
Biology 45
Biomedical Sciences 45
Biosciences 45
Business Economics 52
<table>
<thead>
<tr>
<th>Department</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Economics with a European Language</td>
<td>52</td>
</tr>
<tr>
<td>Business Management</td>
<td>52</td>
</tr>
<tr>
<td>Business Management (Human Resources)</td>
<td>52</td>
</tr>
<tr>
<td>Business Management (International Management)</td>
<td>52</td>
</tr>
<tr>
<td>Business Management (Logistics and Operations)</td>
<td>52</td>
</tr>
<tr>
<td>Business Management (Marketing)</td>
<td>52</td>
</tr>
<tr>
<td>Business Management with a European Language</td>
<td>52</td>
</tr>
<tr>
<td>Business Studies and Japanese</td>
<td>52</td>
</tr>
<tr>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>57</td>
</tr>
<tr>
<td>Chemistry with a Year in Industry</td>
<td>57</td>
</tr>
<tr>
<td>Chemistry with a Year Abroad</td>
<td>57</td>
</tr>
<tr>
<td>Chinese</td>
<td>113</td>
</tr>
<tr>
<td>Civil and Environmental Engineering</td>
<td>72</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>72</td>
</tr>
<tr>
<td>Computer Science</td>
<td>60</td>
</tr>
<tr>
<td>Computer Science with High Performance Computing</td>
<td>60</td>
</tr>
<tr>
<td>Computer Science with Security and Forensics</td>
<td>60</td>
</tr>
<tr>
<td>Computer Science with Visual Computing</td>
<td>60</td>
</tr>
<tr>
<td>Conservation</td>
<td>92</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>77</td>
</tr>
<tr>
<td>Criminology</td>
<td>137</td>
</tr>
<tr>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Dental Hygiene</td>
<td>63</td>
</tr>
<tr>
<td>Dental Hygiene and Dental Therapy</td>
<td>63</td>
</tr>
<tr>
<td>Dentistry</td>
<td>63</td>
</tr>
<tr>
<td>E</td>
<td></td>
</tr>
<tr>
<td>Earth Sciences</td>
<td>67</td>
</tr>
<tr>
<td>Economics</td>
<td>52</td>
</tr>
<tr>
<td>Economics and Politics</td>
<td>52</td>
</tr>
<tr>
<td>Economics and Finance</td>
<td>52</td>
</tr>
<tr>
<td>Economics and Management Studies</td>
<td>52</td>
</tr>
<tr>
<td>Economics with a European Language</td>
<td>52</td>
</tr>
<tr>
<td>Education</td>
<td>137</td>
</tr>
<tr>
<td>Education and Sociology</td>
<td>137</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering</td>
<td>72</td>
</tr>
<tr>
<td>English Language</td>
<td>77</td>
</tr>
<tr>
<td>English Language and Literature</td>
<td>77</td>
</tr>
<tr>
<td>English Literature</td>
<td>77</td>
</tr>
<tr>
<td>Environmental Geography</td>
<td>67</td>
</tr>
<tr>
<td>Environmental Geoscience</td>
<td>67</td>
</tr>
<tr>
<td>Exploration and Resource Geology</td>
<td>67</td>
</tr>
<tr>
<td>F</td>
<td></td>
</tr>
<tr>
<td>Financial Mathematics</td>
<td>103</td>
</tr>
<tr>
<td>Foundation Programmes</td>
<td>150</td>
</tr>
<tr>
<td>French</td>
<td>113</td>
</tr>
<tr>
<td>G</td>
<td></td>
</tr>
<tr>
<td>Genetics</td>
<td>45</td>
</tr>
<tr>
<td>Geography (Environmental)</td>
<td>67</td>
</tr>
<tr>
<td>Geography (Human)</td>
<td>82</td>
</tr>
<tr>
<td>Geography (Human) with Planning</td>
<td>82</td>
</tr>
<tr>
<td>Geology</td>
<td>67</td>
</tr>
<tr>
<td>German</td>
<td>113</td>
</tr>
<tr>
<td>H</td>
<td></td>
</tr>
<tr>
<td>Healthcare Sciences</td>
<td>86</td>
</tr>
<tr>
<td>History</td>
<td>92</td>
</tr>
<tr>
<td>History with Welsh History</td>
<td>92</td>
</tr>
<tr>
<td>Human and Social Sciences</td>
<td>137</td>
</tr>
<tr>
<td>Human Geography</td>
<td>82</td>
</tr>
<tr>
<td>I</td>
<td></td>
</tr>
<tr>
<td>Integrated Engineering</td>
<td>72</td>
</tr>
<tr>
<td>International Relations</td>
<td>131</td>
</tr>
<tr>
<td>Intra and Perioperative Practice</td>
<td>86</td>
</tr>
<tr>
<td>Italian</td>
<td>113</td>
</tr>
<tr>
<td>J</td>
<td></td>
</tr>
<tr>
<td>Japanese and French/German/Italian/Spanish</td>
<td>113</td>
</tr>
<tr>
<td>Joint Honours</td>
<td>146</td>
</tr>
<tr>
<td>Journalism, Media and Cultural Studies</td>
<td>96</td>
</tr>
<tr>
<td>L</td>
<td></td>
</tr>
<tr>
<td>Law</td>
<td>99</td>
</tr>
<tr>
<td>Law and Criminology/Politics/Sociology</td>
<td>99</td>
</tr>
<tr>
<td>Law and French/German</td>
<td>99</td>
</tr>
<tr>
<td>Law and Welsh</td>
<td>99</td>
</tr>
<tr>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Management</td>
<td>52</td>
</tr>
<tr>
<td>Marine Geography</td>
<td>67</td>
</tr>
<tr>
<td>Mathematics</td>
<td>103</td>
</tr>
<tr>
<td>Mathematics and Physics</td>
<td>103</td>
</tr>
<tr>
<td>Mathematics, Operational Research and Statistics</td>
<td>103</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>72</td>
</tr>
<tr>
<td>Medical Engineering</td>
<td>72</td>
</tr>
<tr>
<td>Medical Pharmacology</td>
<td>107</td>
</tr>
<tr>
<td>Medicine</td>
<td>107</td>
</tr>
<tr>
<td>Medieval History</td>
<td>92</td>
</tr>
<tr>
<td>Midwifery</td>
<td>86</td>
</tr>
<tr>
<td>Modern History and Politics</td>
<td>92</td>
</tr>
<tr>
<td>Music</td>
<td>118</td>
</tr>
<tr>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Neuroscience</td>
<td>45</td>
</tr>
<tr>
<td>Nursing</td>
<td>86</td>
</tr>
<tr>
<td>O</td>
<td></td>
</tr>
<tr>
<td>Occupational Therapy</td>
<td>86</td>
</tr>
<tr>
<td>Operating Department Practice</td>
<td>86</td>
</tr>
<tr>
<td>Optometry</td>
<td>121</td>
</tr>
<tr>
<td>P</td>
<td></td>
</tr>
<tr>
<td>Pharmacy</td>
<td>124</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>107</td>
</tr>
<tr>
<td>Philosophy</td>
<td>77</td>
</tr>
<tr>
<td>Physics</td>
<td>127</td>
</tr>
<tr>
<td>Physics with a Professional Placement</td>
<td>127</td>
</tr>
<tr>
<td>Physics with Astronomy</td>
<td>127</td>
</tr>
<tr>
<td>Physics with Astronomy with a Professional Placement</td>
<td>127</td>
</tr>
<tr>
<td>Physics with Medical Physics</td>
<td>127</td>
</tr>
<tr>
<td>Physiotherapy</td>
<td>86</td>
</tr>
<tr>
<td>Politics</td>
<td>131</td>
</tr>
<tr>
<td>Politics and International Relations</td>
<td>131</td>
</tr>
<tr>
<td>Portuguese</td>
<td>113</td>
</tr>
<tr>
<td>Preliminary/Foundation Programmes</td>
<td>150</td>
</tr>
<tr>
<td>Psychology</td>
<td>134</td>
</tr>
<tr>
<td>Psychology with a Professional Placement</td>
<td>134</td>
</tr>
<tr>
<td>R</td>
<td></td>
</tr>
<tr>
<td>Radiography: Diagnostic/Radiography and Imaging</td>
<td>86</td>
</tr>
<tr>
<td>Radiotherapy and Oncology</td>
<td>86</td>
</tr>
<tr>
<td>Religious Studies</td>
<td>92</td>
</tr>
<tr>
<td>S</td>
<td></td>
</tr>
<tr>
<td>Social Analytics</td>
<td>137</td>
</tr>
<tr>
<td>Social Policy</td>
<td>137</td>
</tr>
<tr>
<td>Social Policy and Sociology</td>
<td>137</td>
</tr>
<tr>
<td>Social Science</td>
<td>137</td>
</tr>
<tr>
<td>Sociology</td>
<td>137</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Spanish</td>
<td>113</td>
</tr>
<tr>
<td>T</td>
<td></td>
</tr>
<tr>
<td>Theology</td>
<td>92</td>
</tr>
<tr>
<td>Theoretical and Computational Physics</td>
<td>127</td>
</tr>
<tr>
<td>Town Planning</td>
<td>82</td>
</tr>
<tr>
<td>Translation</td>
<td>113</td>
</tr>
<tr>
<td>U</td>
<td></td>
</tr>
<tr>
<td>Urban Planning and Development</td>
<td>82</td>
</tr>
<tr>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Welsh</td>
<td>141</td>
</tr>
<tr>
<td>Welsh History</td>
<td>142</td>
</tr>
<tr>
<td>Z</td>
<td></td>
</tr>
<tr>
<td>Zoology</td>
<td>45</td>
</tr>
</tbody>
</table>

This prospectus can be made available in alternative formats. It is also available on our website at: [www.cardiff.ac.uk/ugprospectus](http://www.cardiff.ac.uk/ugprospectus)

To request an alternative format please contact the Prospectus Office:
Tel: 029 2087 4455
Email: enquiry@cardiff.ac.uk
Finding out more ...  
(including latest information/entry requirement updates)

www.cardiff.ac.uk
Our website offers the latest and more detailed information about the University and its activities.

Publications
You can download copies of our School brochures and Undergraduate Prospectus (English and Welsh language) from: www.cardiff.ac.uk/pubs/ug
Alternatively, you can obtain copies from the Prospectus Office:
Tel: (029) 2087 4455
Email: enquiry@cardiff.ac.uk

Schools and Colleges Liaison Service
The Schools and Colleges Liaison Team offers prospective students and their teachers advice on all aspects of Higher Education. Schools Liaison staff aim to help students make informed decisions about their higher education options. The service offered to schools and colleges includes a programme of talks for students and parents. A variety of subjects are covered.
For further information, please contact the Schools Liaison Office:
Tel: (029) 2087 4455
Email: schools@cardiff.ac.uk
www.cardiff.ac.uk/teachers

UCAS HE Conventions
Schools Liaison staff also attend many of the UCAS Higher Education conventions. For more information, please visit: www.ucas.com/exhibitions

Useful Telephone Numbers
Cardiff University: (029) 2087 4000
Schools Liaison Office: (029) 2087 4455
International Office: (029) 2087 4432
Residences Office: (029) 2087 4849
Students’ Union: (029) 2078 1400
Address: Cardiff University, Main Building, Park Place, Cardiff CF10 3AT

Open Days 2019
Since choosing a university is such an important decision, it is always advisable to visit the universities you are interested in before making your final choices. The best way to do this is to attend an Open Day where you can gain an insight into life as a student.
Cardiff’s Open Days enable you to meet and talk to Admissions Tutors, academic staff and other University staff as well as current students, to get information on issues from courses to careers, facilities to finances, student accommodation to social life. Academic Schools will be open to visitors throughout the day, enabling you to explore those degree programmes that are of interest to you. Tours, displays and practical demonstrations aim to give you a flavour of what studying in Cardiff is really like.
If our Open Days dates are not convenient you are welcome to take a self-guided tour around the University and you can download the tour booklet from our website.
More information is available: www.cardiff.ac.uk/opendays
Tel: (029) 2087 4455
Email: openday@cardiff.ac.uk

Virtual Campus Tour
Discover more about the University and the city of Cardiff through our interactive online tour at:
virtualtour.cardiff.ac.uk

The University’s Open Days in 2019 will take place on:
• Wednesday 27 March
• Friday 5 July
• Saturday 14 September
• Saturday 26 October
See our website for further details.
Register your interest at: www.cardiff.ac.uk/opendays
Open Days 2019

- Wednesday 27 March
- Friday 5 July
- Saturday 14 September
- Saturday 26 October

To find out more and book your place visit: 
www.cardiff.ac.uk/opendays

Cardiff Connected

www.cardiff.ac.uk
@cardiffuni
facebook.com/Cardiffuniug
instagram.com/cardiffuni
youtube.com/user/cardiffuni

Contact us

Students from the UK:
Tel: 029 2087 4455
Email: enquiry@cardiff.ac.uk

Students from the rest of the world:
Tel: +44 (0)29 2087 4432
Email: international@cardiff.ac.uk