



School of Medicine

Undergraduate Degree Programmes

Entry 2024

www.cardiff.ac.uk/medicine

Welcome

Taught by **scientists** and **clinicians**.

Patient contact from early in Year One.

Medicine

Year One module has three virtual “patient cases” around therapeutics, toxicology and Substance Use Disorder bridging the gap between pharmacological theory and the patient. **Year Two human anatomy module** involving full body cadaveric dissection (for those thinking of postgraduate Medicine; spaces limited).

Medical Pharmacology

Potential entry to the second year of the five year Cardiff Medicine course **after your first degree**.

Medicine A101

Final Year students carry out unique research projects. The majority are “hands on” but other exciting options include safety in prescribing, bioinformatics and systematic reviews in the clinical setting.

Medical Pharmacology

Everything you learn **prepares** you for your career: Case Based Learning, spiral curriculum, Harmonisation Year and more.

Medicine

Learn about **Medicine** in tiny villages, deprived inner cities and everything in between.

Medicine

Second out of all Russell Group Medicine degrees for Learning Community.

NSS Satisfaction 2022

Optional Professional Placement Year (PPY)

between second and final year: extends academic learning to the workplace, allowing students to relate facts and theories to real life issues; provides invaluable “employability skills”, bolsters future career prospects and imparts a competitive cutting edge in the toughest of work markets.

Medical Pharmacology

Tailor your course to your interests, with the option to **travel abroad.**

Medicine

“I was supervised by the best people in their field!”

Dr Poorya Moghbel,
Medical Pharmacology
graduate

“Coming to Cardiff has opened up a limitless number of doors. I’ve been able to get involved with so much that has grown my character and enriched me as a person.”

Luke Morgan,
Medical student

94%
of students think that the course is intellectually stimulating.

NSS Satisfaction 2022

Medicine

Learn transferable language skills - knowing how to **communicate** with patients whose first language is not yours could take you anywhere in the world as a doctor.

Medicine

For more info go to:
www.cardiff.ac.uk/medicine/courses/undergraduate

Can't find your answer in this brochure? Email:
medadmissions@cardiff.ac.uk

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Keep an eye on:
www.cardiff.ac.uk/medicine/courses/undergraduate/open-days

Choose Cardiff

Wales provides a rare balance between the fun of vibrant city living and accessible, beautiful countryside.





Our students tell us that our course delivers what you want in a medical school:

- You have early patient contact, working with patients from Year One.
- Experience the challenges and rewards of practising Medicine in both urban and rural communities. Our unparalleled range of clinical opportunities and placements will help you to make the very best choice when you apply for your first job as a junior doctor.
- Up to 15% of your course can be tailored to your own interests.
- Your final (Harmonisation) year prepares you for a smooth transition to junior doctor and our graduates report feeling well-prepared for practice.



Wales provides a rare balance between the fun of vibrant city living and accessible, beautiful countryside. It is a great place to study and you can live life to the full with all that Cardiff University has to offer.

We look forward to meeting with you at one of our Open Days soon.

Professor Stephen Riley
Dean of Medical Education and
Head of School



Cardiff University School of Medicine

We are proud of Cardiff's long tradition of medical education.



Since 1893 we have trained the very best doctors and we pride ourselves on being at the cutting edge of medical learning.

We combine progressive healthcare education and patient care with world-class research and outstanding teaching facilities, to help you to become the very best doctor you can be.

The Heath Park Campus, located at the University Hospital of Wales, has a lot to offer students. You will learn in our purpose-built teaching facilities and well-resourced Clinical Skills and Simulation Centres, study in our well-equipped interprofessional library and socialise at the Student Union Hub (dubbed The IV Lounge by our students).



“Don't just take our word for it . . .”

The course has a large practical element so you get to learn the really cool stuff from the very beginning. It also allows you to perfect your skills throughout the course and be confident on the job once you graduate as a doctor.

Dr Julimar Abreu
Cardiff graduate



“Don't just take our word for it . . .”

The Students' Union is run by students for students. Our role is to represent your interests, support you and enhance your experience at university. We also run campaigns and events shaped by you! We offer services such as Skills Development, Lettings, Student Advice and more. You can join sports clubs and societies, take part in volunteering and campaigning opportunities, as well as getting involved in student representation and democracy. Get in touch if you want to know more!

Ashley Alava Garcia
Vice President Heath Park 2022-23
Cardiff University Students' Union

C21: our MBBCh Medicine Programme



What programmes are there to study Medicine?

Five year undergraduate programme UCAS A100:

Requiring the appropriate science A-levels or equivalent. There are approximately 270 places for Home and EU students and around 25 for Overseas students.

Four year graduate entry programme UCAS A101:

For up to 10 graduates of each of our recognised feeder courses only: Medical Pharmacology; Biomedical Science (Cardiff University) and Medical Sciences (Bangor University or University of South Wales). You can apply to join Year Two of the A100 programme.

What will I learn?

Graduate Entry Medicine (UCAS A101)

As a graduate of one of our four feeder stream degrees, you will gain your Medicine degree in four years rather than five. You will join the Medicine programme in Year Two of our five year A100 programme and will graduate with the same degree as other medical students four years later (or, if you intercalate, five years later). To give you a smooth start, we will teach you basic clinical skills and Case Based Learning before the start of your first academic year.

Please Note: A101 start their first year earlier than other medical students. (Normally the first day after the August bank holiday.)

“The community spirit in Wales is like no other and you really get a feel for that on placement.”

Rachel Price
Medical student

What's Case Based Learning (CBL)?

Pioneered by Cardiff, CBL is a small group approach to learning and teaching; it differs from PBL (Problem Based Learning) by providing clearer learning outcomes and structured activities and resources. This helps you relate what you are learning about the case to the relevant science, clinical skills and background knowledge you will need as a qualified doctor.

You'll study a series of clinical cases, one every fortnight or so. Let's say the case involves an athlete with a knee injury: you'll be offered supporting lectures and presentations on the mechanisms of inflammation and anti-inflammatory medications; in the anatomy centre you'll explore the knee joint and musculature; on placement you may be in a physiotherapy clinic dealing with sporting injuries and you'll learn how to examine a knee during clinical skills sessions. In addition, the small group sessions will help you develop important academic and professional skills such as research, teamworking, communication and critical appraisal.

What's a spiral curriculum?

We have a spiral curriculum, which means each year you will revisit common clinical problems and build on what you have learned already. New information is then easier to remember and to apply in a clinical context when you see patients.



What will I learn on C21's five year MBBCh curriculum?

C21's PHASE 1: Core Science and Clinical Practice - Years One and Two

What is it all about?

Your first semester in Year One, our Platform for Clinical Sciences, orientates you to the basic sciences and aids your transition to Higher Education. Following this, in Years One and Two you will learn basic and clinical science via the theme of 'the Chronological Life Course'. You will explore the normal workings of the human body and start to recognise disease, combining what you learn in our in-depth basic science teaching sessions with what you see on clinical placements. You will use cases discussed in small groups ('Case Based Learning' – see Page 7) to study common clinical conditions that affect patients of different ages.



What will I do?

- Basic clinical sciences such as anatomy, biochemistry, physiology and immunology are learnt in a range of formats including workshops, lectures, practicals and cadaveric dissection
- Communication skills, learning how to take focused histories and explain diseases and treatment
- Clinical skills, learning a range of physical examinations, basic life support and practical skills
- Behavioural and Social Sciences, such as Psychology and Sociology, are areas that you will learn throughout the programme
- Professionalism and Personal Development workshops - doctors have important roles as leaders and respected members of society so we help you to learn about professionalism in practice and develop as an individual.

Where will I be learning?

- You will study in the most appropriate facility for the type of learning required, meaning that your time will be split between the clinically-focused Heath Park Campus and Bioscience facilities at Cathays Campus
- Early clinical experience opportunities will allow you to meet case-appropriate patients and NHS staff to complement your Case Based Learning.

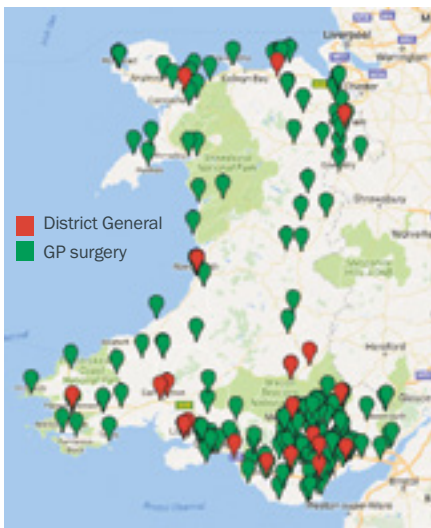
Case Based Learning, with its clinical placements, really prepares you for the daily reality of life on the wards.

Dr Sarah Morgan
Cardiff graduate

C21's PHASE 2: Learning to Care - Years Three and Four

What is it all about?

This part of your course concentrates on patient experiences of illness and healthcare. It is designed to give you an excellent learning experience in clinical settings across Wales, to make you the best doctor you can be.



What will I do?

- You will learn the fundamentals of excellent clinical care, such as clinical assessment, diagnosis, management and treatment of common diseases
- Year Three focuses on common diseases in acute and chronic settings
- Year Four's emphasis is on specialties and you will spend time with a range of specialists such as obstetricians, paediatricians, geriatricians and psychiatrists
- You will have teaching alongside your clinical placements, where the fundamentals of good medical practice are covered, as well as the pathology, therapeutics, social sciences and ethics relevant to your placement
- As part of your Student Selected options programme, you will also be able to pursue a non-core topic that interests you in greater detail.

Where will I be learning?

- Most of your time will be spent on NHS and GP clinical placements across Wales
- You will be in hospitals, GP practices and community clinics for three eight-week placements each year
- You will also follow an oncology patient through hospital and in the community
- Your teaching block weeks are in university, preparing you for your clinical placement at the start and consolidating your learning at the end
- In Year Three you may have the option of a year-long placement, based mostly in primary care in rural Wales, known as our CARER route. See page 13

The C21 spiral curriculum is one of the best parts of studying at Cardiff. The recurring themes across all years ensures we consistently solidify and revisit core topics, essential for future practice.

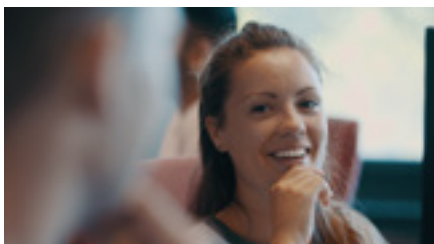
Eva Yuen, medical student

C21's PHASE 3: Preparing for Practice - Year Five (Harmonisation Year)

What is it all about?

Your final "Harmonisation" year as a Cardiff University medical student is designed to help you to make a smooth transition into your role as a Foundation Doctor (F1). Most of your year will be on placement or elective, together with short study blocks back at the University. The year is 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.

As the year progresses you will assume increasing responsibility for patient care.



The Senior Student Assistantship alleviated many of the anxieties and fears that a new graduate faces. It isn't always our medical knowledge but rather ward 'know-how' that matters.

Dr Yousef Ibrahim
Cardiff graduate

What will I do?

- Preparing for Practice addresses those practical aspects of Medicine that are necessary to become a great doctor, e.g. communication, medical documentation and emergency patient management
- Junior Student Assistantship (clinical placement with a Consultant)
- Primary Care Attachment (clinical placement with a GP)
- Your elective lets you experience Medicine around the world
- Your Senior Student Assistantship placement has you shadowing the F1 whose shoes you will fill after graduation, if you choose NHS Wales for your first job. This helps you become comfortable with the people and environment before your first day as a Foundation Doctor even starts - making that daunting transition from student to doctor both safer and more enjoyable.

The Harmonisation year was totally invaluable in preparing me for my F1 post... I knew the senior doctors I would be working for, how the department worked, and most importantly I had already worked with nursing staff and understood how the ward operated.

Dr Mike Atkinson
Cardiff graduate

Where will I be learning?

- Your Junior Student Assistantship and Primary Care Attachment placements are in Wales
- Your elective can be in the UK or abroad - it is your choice
- Your Senior Student Assistantship placement will usually be in the hospital where you will start your career as a doctor. If this is outside Wales we will do our best to fit you in to a suitable placement in Wales and encourage you to spend time shadowing the outgoing F1 over the summer
- Your study blocks will be at the Heath Park Campus in Cardiff.

Being on 'away' placements means you make friends you otherwise might not have come into contact with, so by the end of the course everyone knows everyone, which makes it a really friendly environment to be in.

Dr Zoe Candlish
Cardiff graduate

Support Network

Medicine can sometimes be demanding physically, mentally and emotionally and we want to be there to help you through these moments. We will support you both academically and pastorally throughout your training at Cardiff.

As a medical student you will have access to advice, guidance and support from the University's Student Life teams, and specific support available through the School of Medicine.

You will be allocated a personal tutor, who will be a great source of knowledge and support, to help you with your learning. They will meet you regularly and be able to signpost you to specific support if you should need it.

Support for more personal issues is provided through our My Medic service - previously called Medic Support. This provides support for those with personal and health concerns and links with the wider University support services. We also ensure you are well looked

after when you are away on placement, with support staff based at each district general hospital in Wales. We work hard to ensure you have access to support and advice whenever you feel you might need it.

Medic Support [My Medic] kept everything confidential and they tailored the support to suit my needs.

Dr Jamie Plumb
Cardiff graduate

A medical school that keeps pace with the wider world graduates doctors who understand it. C21 is actively building equality, diversity and inclusivity issues and impacts into your curriculum, as well as sustainability and environmental issues in response to the Climate Emergency.

The 2022/23 C21 student journey

Year One										Year Two															
Introductory Week					Platform for Clinical Science (PCS)					Introductory Week					Assessments										
Basic Building Blocks		Distribution and Defence			Control and Communication			Case 1: Sports Injury		Case 2: Chest Pain		Case 3: Respiratory		Project Week 1		Project Week 2		Project Week 3		Case 5: Cognitive Decline		Case 6: Upper GI		Revision	
Case 7: Antenatal	Case 8: Pregnancy & Birth	Case 9: Child Health	Case 10: Mental Health	Case 11: Diabetes	Case 12: Heart Failure	Case 13: Brain Injury	Case 14: Back Pain	Case 15: Lower GI	Case 16: Malignancy	Case 17: Actively Unwell	Revision		Project Week 7		Project Week 4		Project Week 5		Project Week 6		Project Week 7		Project Week 8		
C21 North Wales: Opportunity to study Medicine in Bangor for 4 years starting in Year 2, following the Year 2 plan above																									

Year Three										Year Four										Year Five																			
CAREER: Opportunity to study the Year 3 syllabus in Bangor or Aberystwyth, with a local GP in small groups with hospital experiences										CAREER: Opportunity to study the Year 3 syllabus in Bangor or Aberystwyth, with a local GP in small groups with hospital experiences										CAREER: Opportunity to study the Year 3 syllabus in Bangor or Aberystwyth, with a local GP in small groups with hospital experiences																			
Introductory Based Learning		Introduction		University Based Learning		Consolidation		University Based Learning		Introduction		Clinical Placement 1: Chronic Disease 1 (CD1): in both primary and secondary care.		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 2: Hospital Front Door (HFD): the patient journey from entry to discharge.		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 3: Oncology/Surgery (ONC)		Revision		University Based Learning			
Introductory Based Learning		Introduction		University Based Learning		Consolidation		University Based Learning		Introduction		Clinical Placement 4: European Exchange (9 weeks)		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 5: Psychological Medicine & Neurosciences		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 6: European Exchange (9 weeks)		Revision & Exams		SSC 9		Revision	
Introductory Based Learning		Introduction		University Based Learning		Consolidation		University Based Learning		Introduction		Clinical Placement 7: Chronic Disease 2 (CD2)		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 8: Women, Child & Family		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 9: 7 week Student Selected Project (SSC)		Revision		University Based Learning			
Introductory Based Learning		Introduction		University Based Learning		Consolidation		University Based Learning		Introduction		Clinical Placement 7: Primary Care Attachment		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 8: Junior Student Assistantship, with supervised responsibility for your own patients		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 9: Senior Student Assistantship		Revision		University Based Learning			
Introductory Based Learning		Introduction		University Based Learning		Consolidation		University Based Learning		Introduction		Clinical Placement 7: Primary Care Attachment		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 8: Junior Student Assistantship, with supervised responsibility for your own patients		Introduction		University Based Learning		Consolidation		Introduction		Clinical Placement 9: Senior Student Assistantship		Revision		University Based Learning			

Year	University-Based Learning	Clinical Placements	Projects (SSCs)	Examinations
Year 1	PCS / Case Based Learning	Hospitals/GPs	3 x one week SSC Projects	Science paper
Year 2	Case Based Learning	Hospitals/GPs	4 x one week SSC Projects	Science paper, Clinical Exam, Progress Test
Year 3	6 weeks Applied Clinical Science (ACS)	3 modules (CD 1/HFD/ONC) 8 weeks in Hospitals and GPs across North and South Wales	SSC Project for 6 weeks + Oncology Project	Progress Test
Year 4	1 week All Year Teaching at the end of the year	3 modules (CD2/PNOW/CF) 8 weeks in Hospitals and GPs across all Wales	SSC Project for 7 weeks	Clinical Exams (ISCEs) and Progress Test
Year 5	6 weeks university-based teaching	3 modules (PCA/USA/SSA) 8 weeks in Hospitals and GPs across all Wales	Elective Project for 8 weeks	Progress Test, Situational Judgement Test, Prescribing Examination

From 2024-25 all medical students graduating in the UK will also need to pass the GMC's Medical Licensing Assessment (MLA, see page 23). We will incorporate the MLA into your existing assessments wherever possible.

What our people say . . .

Dr Rucira Ooi

Cardiff graduate

What do you think of C21?

I'm really glad I came here. C21 has a holistic, practical approach, with CBL covering the anatomy, physiology, pharmacology, plan of management, sociology and treatment of your patient. We also had early clinical exposure right from 1st Year, with ample time to practise, so we aren't thrown into the deep end in our later years.

Do you have any advice for future medical students?

Be bold and confident. With the medical school's outstanding support, approachable staff and endless opportunities, I can assure you that you have all you need to achieve your greatest potential. When I started I would blend into the background, but in my 3rd year alone, I completed a closed-loop audit and three audits, presented at four conferences and spearheaded the Surgical Society's Biennial Undergraduate Surgical Exchange Conference, with the help of my committee members. I was also a part of MedDay, fundraising for Bobath, a charity aiding children with cerebral palsy.

What's the best thing about living here?

Welsh culture is so welcoming - people here are friendly and always smiling. Cardiff is one of the more student-friendly cities and good accommodation can be really affordable.



Emmanuel Onyango

Year 4 medical student

What do you like most about being a Cardiff med student?

I really like the structure of the course. I find that everything we do, from early patient contact to Case Based Learning, helps us put the science and clinical skills we learn into context. It has helped me a lot in the way I approach patients and my own learning in the clinical years. As a result, I think my experience here will have a positive influence on how I treat patients in the future.

What surprised you about studying in Wales?

I was really surprised at how affordable Cardiff is as a city. Prices for accommodation and entertainment alike are very student friendly. Considering studying Medicine in Wales as a whole, I discovered that you receive amazing small group clinical teaching in more rural placements, which has been invaluable for my development.

What advice about studying Medicine here would you give?

Outside of studying, try to think about other ways you may want to grow and develop. You will have time to do additional things and it is so important to take opportunities that can help you learn other skills. Make sure to seek advice from older students; it will save you time and hassle in the long run.



Dr Thomas Grother

Cardiff graduate

Why Intercalate?

Cardiff has a number of Intercalation options for third and fourth year students, an opportunity to study a topic you find interesting in greater depth. I intercalated in Medical Education because the modules were applicable to my future ambitions. I learnt the theory underpinning medical education and developed my skills as a tutor with the Clinical Skills team. I also completed a project then published in a medical journal.

What do you think of CBL?

I found CBL to be a perfect mix of PBL and traditional learning. Each fortnight a small case group discusses a 'patient' and explores topics around the case. A case facilitator supports the group, helping keep you on track to achieve all learning outcomes. These fortnight blocks also include plenaries, anatomy centre sessions and placements. It's challenging but you have fun; some groups even rename it 'Cake' Based Learning, with a rota between them to bring cake.

What are the benefits to having a Cardiff MedSoc family?

When you arrive at Cardiff, you are paired with another first year med student and two second year med students to form a 'Medic Family'. During the first week of studies, your parents take you on a tour of the University, answering any questions you have, now and throughout the year. Many Medic families stay in touch - I'm still in touch with my Medic children (and grandchildren!) even as a doctor.



Tilly Ellis

Year 5 medical student

What's the best thing about living here?

I love Cardiff being a small capital city. It has everything you could possibly want, so much variety and everything in walking distance. Beautiful parks provide the perfect excuse to escape into nature. A little further afield are gorgeous beaches, Brecon Beacons National Park and lots more. I can't imagine going to university anywhere else and hope to stay in Wales after I graduate.

How beneficial is a spiral curriculum?

Remembering everything is impossible so revisiting a topic multiple times during your studies is invaluable. As well as consolidating your memory, you can build on your knowledge in that area, adding detail you may not have understood earlier.

Is CBL an effective and supportive learning style?

I would definitely not know as much as I do now if I'd had 9-5 lectures. I cannot praise CBL enough and absolutely love this style of learning. Practicals, small groups, lectures and placements support the cases perfectly and so much clinical experience, so early on, is amazing. I don't think there is any better way to remember and consolidate information than teaching someone else what you have learnt - CBL is perfect for this.



Learning and teaching

Cardiff students are encouraged to interact, participate, ask questions and reflect, because we believe that doctors who are inquisitive and curious problem-solvers give their patients the highest standard of care.



“Don't just take our word for it...”

The way the curriculum works, you're never more than a week away from a patient or clinical encounter that ensures all the theory makes sense. It really hammers home that the point of all your studying is to be a doctor at the end of it all.

Dr Shafqat Batchelor
Cardiff graduate

Gyda phwyslais cynnar ar brofiadau clinigol mae C21 yn gosod cleifion yn ganolog i'n haddysg Feddygol.

With an early emphasis on clinical experiences, C21 places the patient at the centre of our medical education.

Gwenllian Rhys,
medical student

Our Case Based Learning approach keeps the patient at the centre of your studies.

Through small group learning, co-ordinated lectures, clinical placements, clinical skills training and self-directed study we combine a variety of disciplines in order to integrate science, social science and clinical practice. Our focus is on you and your learning: we will support you as you take increasing responsibility for your own learning and encourage you as you use your own initiative to seize opportunities and experiences that will be available to you as a student and, later, as a doctor.

Communication skills are at the heart of good medical practice and are one of the first things patients notice. Our highly-rated workshops will help you to gather information, explain diseases and treatments, provide support when patients are distressed and deal with more complex skills like breaking bad news. You will attend workshops throughout the course, consulting with actors trained to behave as patients, receiving feedback and sometimes being filmed in order to review your own performance. We are encouraging patients to be your teachers too.

Your learning will take place through a range of different means, to help you become the best doctor you can be and to adapt to the needs and requirements of our changing world. Some of your learning will take place through video conferencing, allowing you convenient access to the very best clinical expertise and teaching regardless of geography or time differences.

Peer-Assisted Learning (PAL) is a highly successful initiative which trains Year Five medical students to peer-tutor junior years in clinical procedural skills. The PAL Scheme has been a great success, helping seniors to gain experience in the teaching environment, while juniors develop their skills and knowledge

from more experienced colleagues who still recall what it feels like to be tackling new skills.

Where will I go and what will I do?

Wales offers you a breathtaking variety of clinical experiences that adds value to your medical career. You will have early clinical exposure with patients and clinicians from your first year, gradually going further afield for longer placements, with increasing responsibility as part of a medical team. By your third year you will be spending more time with your patients than your books and will have experienced, first-hand, what it means to provide medical care across the spectrum - from GP practices in farming communities or small hospitals in popular seaside resorts and post-industrial towns, through to tertiary specialties in large, urban teaching hospitals. Your development is overseen by NHS staff and GPs, who will provide regular constructive feedback and teaching.

Simulated Road Traffic Accident

This gives all Year Two students the opportunity to experience a multiagency simulated road traffic accident, where students interact with the emergency services to manage the scene of a major incident involving multiple casualties.

A variety of clinical and communication skills are practised during this stimulating day. This taster provides a rewarding glimpse into yet another option available for you in clinical practice.

Tailor your medical degree

The School of Medicine is continually looking to enhance your student experience. The Community and Rural Education Route (CARER) gives some Year Three students the opportunity to spend a whole year embedded in a more rural community, mostly in primary care. You will learn in a clinical team, fully supported by Cardiff University and a local clinical educational supervisor.

How will I be assessed?

Assessments at Cardiff are designed to be fair and to support you as you learn. We'll assess you at the most appropriate time, in the most relevant place, using actual clinical examples. From Year Two, our 'single best answer' multiple choice-style progress tests will assess your knowledge four times a year, reassuring both you and us that your learning is on track. The number of Progress tests reduces when you enter Year 5. Our Integrated Structured Clinical Examinations (ISCEs) will test your clinical skills, using real patients with real physical signs, as well as role players to assess your ability to communicate with patients. Throughout your course we will award prizes for the best academic performance and, at the end, you will be awarded the final degree of MBBCh (with Honours or Commendation for high achievers).

Don't just take our word for it . . .

Cardiff wants you to pass...it pushes you to be a better student and allows you to work through what you are good at.

TJ Pinchemain,
medical student

Learning and Teaching Activities

Course code	Course title	Year	Scheduled %	Independent %	Placement %
A100	Medicine (MBBCh)	1	47	43	10
A100/A101	Medicine (MBBCh)	2	53	40	7
A100/A101	Medicine (MBBCh)	3	27	20	53
A100/A101	Medicine (MBBCh)	4	27	20	53
A100/A101	Medicine (MBBCh)	5	17	25	58

Percentages are not listed here as the ratio depends on a student's choice of modules. Learning and Teaching Activities statistics may need to change in response to current healthcare challenges. However, we are a flexible course and your learning outcomes will be achieved by the time you graduate.

A flexible curriculum



Expand your career prospects and explore an area that intrigues you . . .

Intercalated degrees

- Spend a year on an academic course before returning to Medicine
- Study something a bit different in a medically-related field you enjoy.
- Expand your career prospects through additional qualifications.
- Choose from a selection of degrees, including BSc and MSc courses.
- Approximately 120 students choose to intercalate, subject to academic performance, after Years Three or Four.
- Wide range of courses offered within Cardiff University (Pharmacology/ Emergency, Pre-hospital & Immediate Care/ Psychology & Medicine/Medical Education and many more).
- Option to transfer to other universities in the UK to undertake an intercalated degree.
- Opportunity to research a subject in depth and develop the intellectual and practical tools that every successful researcher needs.
- Enhances skills in evidence-based practice

To find out more about eligibility and what you can do, please contact:

IntercalatedBSc@cardiff.ac.uk

Language skills open doors

Confidently treating patients who mainly speak another language is a valuable transferable skill for doctors. We will support you to do this well, with bilingual Wales as your classroom and a range of optional language courses.

Welsh speaker? Croeso i C21

You can choose to study many elements of your degree in Welsh, including CBL small group work, many placements and assessments and some lectures, with the number of opportunities constantly increasing.

Student Selected Components (SSCs)

SSCs account for approximately 15% of the medical curriculum and offer a range of project opportunities that enable you to explore an area of Medicine in depth.

We offer SSCs across all five years of MBBS and there are a range of projects, from clinical research through to basic science, plus connections between the arts and health.

You will have an opportunity to choose from tutor-proposed SSCs or design your own bespoke project – this is your chance to be extra creative and focused in your own studies, tailoring your degree to your own particular interests and career aspirations.



Don't just take our word for it . . .

The Medical Education BSc doesn't just teach you the how of education, but also the why.

Dr James Kilgour, Cardiff graduate

Intercalation gives you the freedom to explore things that you find interesting in more detail. It's given me a flavour for academic research.

Lawrence Pugh, medical student

Intercalating in Medical Education has opened up many opportunities for me and has had a huge influence on my hopes for my future career.

Krishna Parmar, medical student

Don't just take our word for it . . .

The curriculum, which is structured around you, is about training you to provide the best patient care. You are involved in Community Medicine from your first year. In Cardiff, you are Doctors in Training from the start. In the student-selected projects, you can choose your own project or topic according to your own interests.

Dr Zarabeth Newton, Year 1 Director

SSCs are a really good chance of experiencing something really interesting outside of the curriculum.

Amelia Guy, medical student

Changing the way we practice medicine

Our students often effect change while they are still at university. You will have opportunities to get involved with many types of projects, like final year student, Dr Olamide Dada who worked on a review that has since changed NHS guidance.

Her work found that pulse oximeters, widely used in the fight against COVID-19, can overestimate the amount of oxygen in people who have deeper skin tones. Her report published by the NHS Race and Health Observatory in April 2021, showed that the devices may not be accurate when used on Black or ethnic minority patients and directly led to a change in official NHS guidance in the hopes that it would address the disproportionate number of those patients severely affected by the virus.

MBBCh admissions



Applications

To be considered for entry onto one of our degree programmes you should apply online via the UCAS website using the 'UCAS Apply' facility: www.ucas.ac.uk/apply

The website will provide you with information on how to apply and explains the UCAS procedure.

The closing date for all applications each year is 15th October.

The aim of our selection process is to identify students who are best suited to follow our medical programme successfully and who have the greatest potential to embark on a productive career in the medical profession. We will assess you in two broad areas: academic ability and potential; and personal qualities appropriate for a career in Medicine.

The School of Medicine is committed to ensuring that the selection process is open, equitable and applied fairly to all applicants. We have a detailed Admissions Policy which can be viewed on our website at: www.cardiff.ac.uk/medicine/courses/undergraduate/medicine

Academic Entry Requirements

It is important that we establish your potential to cope with the academic demands of our programme. Our initial assessment of your application will consist of scoring performance in a range of subjects.

The **minimum** GCSE grades to enable you to be considered for all courses are English Language 6 (B), Mathematics 6 (B), either Double Award Science 66 (BB) or 66 (BB) in Chemistry and Biology. If you offer a range of

9/8/7 (A*A) grades within your application you are competitive and we would encourage you to apply.

You will be given points for your achieved qualifications. Points are awarded for nine GCSE subjects which must include the subjects mentioned above. Achieved A-level grades and honours degrees give you additional points.

GCSEs	
9, 8, A*	3 points
7, A	2 points
6, B	1 point
A-level	
A*	3 points
A	2 points
Degree	
2:1 Honours Degree (minimum GCSE & A-level grades required)	Full points

The requirements are for the current year of entry and are, as such, all subject to change. We advise that applicants should check Coursefinder or UCAS from 1st September each year to confirm the correct requirements for the following year's entry. The cut-off score for interview varies each year as it will depend on the competitiveness of all the applications.

Additional consideration will be given to contextualised applicants, which includes Welsh-domiciled applicants, who are under-represented.

A-level

The typical A-level offer for the A100 course is AAA grades which should include Chemistry and Biology. We also accept the Welsh

Baccalaureate Advanced Skills Challenge Certificate in lieu of a third A-level. General Studies and Critical Thinking are not accepted.

Graduates

If you are applying for the A100 programme with a degree or a PhD you will need to have achieved the minimum GCSE requirements outlined above. You will also need to have the appropriate science qualifications at A-level with grades BBB/ABC. Offers will be conditional on achieving at least a first or upper second class honours degree.

Applicants with a PhD need to meet the minimum GCSE requirements and have BBB/ABC at A-level.

International Baccalaureate

You will be expected to achieve 36 points (excluding Theory of Knowledge and the Extended Essay). A minimum of 19 points must be achieved in the Higher Level subjects made up of a score of 7, 6, 6 points to include two science subjects. This must include at least one of Biology and Chemistry at Higher Level (if both subjects are not offered then the second subject must be one of Physics and either Mathematics or Statistics) with the score of 6 points being achieved in either Chemistry or Biology. Chemistry or Biology must be offered at Standard Level with a score of 7 points, if not at Higher Level.

Other

Applications from those offering alternative equivalent/overseas qualifications are welcome. More information can be found on our website: www.cardiff.ac.uk/study/undergraduate/applying/admissions-criteria/medicine

Don't just take our word for it . . .

I've never fit in anywhere before like I have with the people here. Cardiff is the perfect balance between big city and friendly town. Student support is so easy to access. You're never left wondering where to turn. Staff in general are so lovely. Always remember my name and are free for a chat over a cup of tea.

Hannah Beetham, medical student

Four year Graduate Entry Scheme (via Feeder Streams) A101

This graduate entry programme is for applicants who are currently enrolled on an official Feeder Stream programme:

- BSc (Hons) Medical Pharmacology degree, School of Medicine, Cardiff University (B210)
- BSc (Hons) Biomedical Sciences degree, School of Biosciences, Cardiff University (BC97)
- BMedSci (Hons) Medical Sciences degree, Bangor University (B100)
- BSc (Hons) Medical Sciences degree, University of South Wales (B901).

Applicants for A101 should have achieved the minimum GCSE requirements outlined above, BBB or ABC at A-level and be on track to achieve at least a first or upper second class honours degree.

University Clinical Aptitude Test (UCAT)

You will be required to sit the University Clinical Aptitude Test (UCAT) anytime between July and October in the same year as application.

Find out more about the UCAT by visiting the website: www.ucat.ac.uk.

We do not have a minimum score for the UCAT, however the score may be used as part of the selection process.

Non-Academic Entry Requirements

Your personal statement and reference will be assessed. The following should be demonstrated:

- 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.

Interviews

If you are successful in both academic and non-academic assessment then you will be invited to attend a multiple mini interview.

This will involve rotating around 9 stations in turn where each station will last 8 minutes. The interviews focus on exploring the personal qualities and attributes important in developing good doctors. Our interviews take place during December/January. No offers are made without interview. If invited to interview, Welsh-speaking applicants can request a bilingual interview.

Additional Requirements

If you are successful in receiving an offer you will be required to complete a health questionnaire and complete the Disclosure and Barring Service process at the 'enhanced' level.

Use of Contextual Data

Cardiff University School of Medicine is committed to widening access and welcomes applications from students of

all backgrounds. The academic and non-academic attainment of an applicant will be reviewed against national educational performance data and socio-economic background, to provide admissions tutors with a more complete overview of an applicant's attainment and potential. The School of Medicine may include Welsh Culture, Society and Welsh Language qualifications as part of the assessment criteria. The School will consider this information when deciding whether to call a candidate for interview. It will not use this information to make lower or differential offers to any particular group of students.

For further information about contextual data and its use please visit the web pages: www.cardiff.ac.uk/study/undergraduate/applying/contextual-data

The School of Medicine welcomes applications from the Step Up to University scheme. Applicants are required to let the scheme co-ordinators know that they will be applying to study Medicine. They must meet the minimum entry requirements to receive a guaranteed interview. These are listed on the previous page.

Applicants on the Step Up scheme will not be made lower or differential offers.

Admissions Contacts

For information on applying please contact a member of the Admissions Team:

Tel: **029 2068 8113**

Email: medadmissions@cardiff.ac.uk

www.cardiff.ac.uk/medicine

Don't just take our word for it . . .

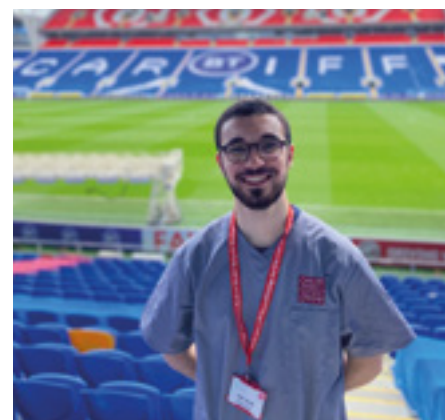
Cardiff will always be in my heart. It's the school that opened its doors for me and I am proud to be an alumnus of this prestigious School.

Dr Agamemnon Pericleous
Cardiff graduate

Don't just take our word for it . . .

University faculty and staff are dynamic, engaging and enthusiastic about their educational and pastoral roles.

Dr Ronak Ved
Cardiff graduate



Our facilities



“Don't just take our word for it . . .”

The facilities at Cardiff are fantastic. The Clinical Skills Self Directed Learning Centre is particularly great, as it gives us the opportunity to practice skills such as cannulation, taking blood and administering injections in a safe and supportive environment, enabling us to become more skilled and confident clinicians.

Harriet Middleton
Medical student

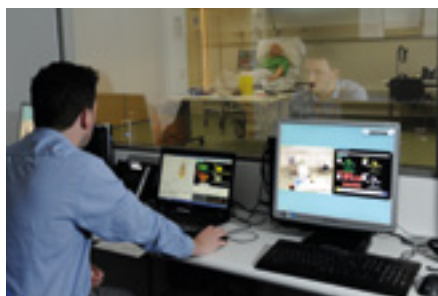


Clinical Skills Centre

Full of specialist equipment and models, the Clinical Skills and Simulation Centre provides a safe facility for you to learn clinical skills and gain valuable experience.

Our teaching focuses on mastering the key practical skills set out by the GMC and a range of physical examination skills so that you are ready for that first day as a junior doctor.

- We have a variety of versatile teaching rooms, with audiovisual and computerised facilities that allow us to deliver everything from communication skills to basic life support, using realistic, anatomically-correct models to enable you to learn and practise a wide range of procedural clinical skills
- Our staff have developed e-learning modules to provide you with helpful theoretical knowledge prior to a clinical skills session
- After timetabled sessions are over, you can practise the skills in our fully-equipped Self Directed Learning area, gaining experience and confidence in your abilities in a safe, protected environment
- Most Wednesdays, during term time, one of the Clinical Skills Teaching team is available in the Self Directed Learning Room. They are there to assist you with the procedural skills that can take a little bit longer to master.



Simulation Centre

Assessing an acutely unwell patient, monitoring vital signs, making and implementing management decisions; this is all part of life as a junior doctor. The Simulation Centre provides a safe, supported environment to enact out clinical scenarios. The hospital sites throughout Wales also have simulation facilities, which enables simulation teaching to occur wherever you are based for your final year clinical placements. We want you to feel prepared for your first day as a junior doctor and to know how to safely and calmly handle situations that arise.

Our facility has four simulation rooms and four teaching rooms. Simulation rooms contain adult patient manikins in what looks, and feels, like a real clinical setting.

Strategically-placed cameras allow live play and video playback, enabling you and your peers to learn as both participants and observers. Peer learning in small group teaching is a key aspect of teaching at the Centre. Participants and observers will come together at the end of a scenario and a Tutor facilitates a debriefing session. We apply a structured approach which highlights each performer's good clinical practice. We take time to discuss how individuals can improve their performance next time and potential alternative approaches, all of which will help you to be a better doctor.



Anatomy Centre

Ask around and you'll discover that anatomy is a widely popular subject amongst our students, often one of the highlights of their medical school career. As a Cardiff student, you will be studying anatomy in our impressive Cathays Campus Anatomy Centre, laying the foundation for an exciting and successful future in Medicine.

Anatomy is a key part of our Phase 1 medical curriculum and we specialise in small group teaching led by clinical anatomists, academics and clinical demonstrators from the School of Biosciences. Our range of teaching methods, including dissection, prosection, body painting, e-learning and video tutorials, is designed to ensure that your anatomy learning complements each case or system as you explore it in your lectures, tutorials and placements.

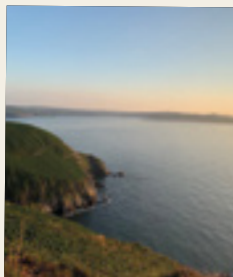
Biosciences

The School of Biosciences, close to the Students' Union and the city centre, provides a welcoming environment for students.

Inside the distinctive building, with its eye-catching coloured hexagonal glass front, there has been a large investment in the refurbishment of facilities. This refurbishment includes numerous teaching areas, as well as physiology and AV equipment. There is also ample study space and a café.

Elective

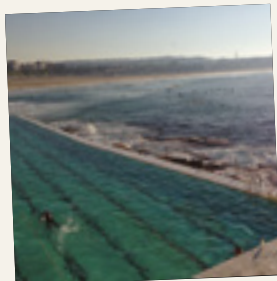
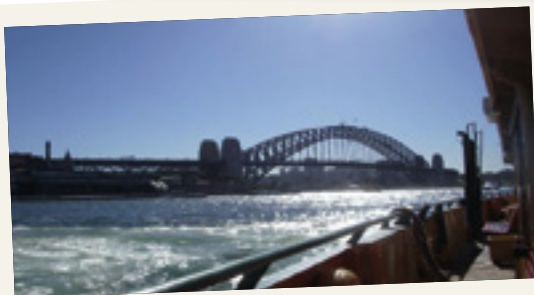
The final year elective is often a highlight of a medical student's time at university. You design an experience that focuses on a topic area that interests you at a location almost anywhere from Australia to Vietnam. We have links with universities in Asia that can help to ensure a unique experience. You will fund your own trip but we have staff to help, well-organised programmes and financial bursaries. Language doesn't have to be a barrier as Cardiff University offers intensive courses and language advisors who can help you learn or improve upon existing languages.



A great elective on my doorstep . . .

As a mature student with commitments, I decided to explore an elective closer to home. Having enjoyed my previous placement at Royal Gwent Hospital in Newport, I returned to my area of interest – oral and maxillofacial surgery. My consultant (Ms Lindsay White) welcomed me and I joined clinics, theatre and the on-call doctor managing in-patients and referrals from A&E. All of my learning came into use, ranging from communication skills when witnessing the delivery of bad news to the knowledge of head and neck anatomy when assisting in a neck dissection. My highlight was to implement my knowledge and practical skills when assessing and suturing facial lacerations. It was helpful to be already familiar with the local health system and, with no language barrier, I made the most of quality teaching and patient communication. I definitely gained skills which are usually learnt later in your medical career.

Dr Chai Sanapala, Cardiff graduate



I was always interested in paediatrics . . .

...and always wanted to visit Australia so an elective in Sydney was ideal for me. My experience in the Children's Hospital gave me the opportunity to become more confident in dealing with common paediatric presentations. This helped prepare me for my F1 rotation in paediatrics and also reaffirmed my belief that I would find a career in paediatrics fulfilling. Being in Australia also meant I was lucky enough to have amazing adventures such as climbing Sydney Harbour Bridge and sky diving in Cairns. Overall, it was a fantastic experience.

Dr Rachel Debono, Cardiff graduate



"CAN YOU DO AN APPENDIX?"

One of the first comments I was greeted with at the Juba Teaching Hospital, South Sudan. My shake of the head was greeted with enthusiastic nods. "Ok no problem. I show you this one and you do the next one." Fortunately the next one didn't arrive until I had departed the surgery team.

I wasn't quite sure what to expect of an elective in the world's newest country, only recently torn apart by years of famine and war. Needless to say, conditions were challenging and I was forced to use all the skills and knowledge acquired at Cardiff in managing a wide variety of patients.

My time at Juba was enjoyable, interesting and demanding. I have had a unique insight into healthcare in a post-conflict nation and the experience I have gained, I'm sure, will be invaluable for my working life in the UK.

DR RICHARD THOMAS, CARDIFF GRADUATE



FAQs

Do you accept resits?

For Medical Pharmacology, Yes. Remember you that still need ABC or BBB from your first A-level sitting if you plan to apply to C21 as a Graduate Entry Medicine student afterwards.

For Medicine, we will consider Certified GCSE resit results but only if they are completed within 12 months of the first sitting except English Language, which has no time limit for resit. Resits for those whose A-levels have been completed, and the grades awarded, will only be considered in exceptional circumstances. All extenuating circumstances are viewed on a case by case basis by the Admissions Group.

Does Cardiff University School of Medicine accept applications for deferred entry?

Yes, and please make this clear on your application form when you submit it.

We cannot guarantee to accept later decisions to defer once an offer has been made.

What does Cardiff University School of Medicine think of a gap year?

We welcome a constructive gap year as it gives you an opportunity to travel, gain work experience or carry out charity work etc.

We recognise that a gap year can broaden your skills and experience. A gap year is not compulsory.

I can't find the answers to my questions in this brochure, so where should I look now?

Our Admissions Policy is a good place to start as it is much more detailed than this brochure in relation to the policies and procedures around applying. The Admissions Policy can be found easily on our website:

www.cardiff.ac.uk/public-information/students-applicants/admissions-policies

My schooling has been a little bit unusual. Do I need to tell anyone before applying?

This is where reading our Admissions Policy would really help you. You can find it on

www.cardiff.ac.uk/public-information/students-applicants/admissions-policies

We also suggest you email our friendly

Admissions Team as soon as possible so that we can understand your situation and advise you.

What is an Admissions Policy and why should I read it?

All medical schools have different rules about what makes a good application. Reading Admissions Policies for courses you are interested in will help you to make great choices when it is time to apply:

www.cardiff.ac.uk/public-information/students-applicants/admissions-policies

Does Cardiff accept transfers onto the course?

Transfers may be considered for Medical Pharmacology. Please contact the Admissions Tutor, Prof Derek Lang (langd@cardiff.ac.uk) for advice.

Cardiff University School of Medicine has an integrated, spiral Medicine curriculum so does not normally consider transfer requests from students studying elsewhere.

What is the minimum score required in an IELTS exam?

All medical programmes require an average score of 7.0 or above (with a minimum of 7.0 in speaking, 6.5 in listening, 6.5 in reading and 6.5 in writing).

I applied to Cardiff for Medicine last year and didn't get in. Can I reapply this time?

Yes, you can reapply as long as you meet our minimum entry requirements for the year you are applying. You will need a current UCAT score. Your previous application will not influence our decision on your current application.

What language will I learn in?

You can opt for parts of your course, and some assessments, to be in English or Welsh. We are increasing the amount of our programme available in both languages.

Studying Medicine in Wales, a bilingual country, lets you develop valuable communication skills; feeling confident to treat patients whose first language is not your own equips you to work anywhere in the world, from Carmarthen to Canada. How much of their language you learn is up to you, and we will help and support you along the way.

Can I study abroad?

Your elective can be almost anywhere in the world. We are also delighted to introduce our European Exchange Scheme, which replaces Erasmus for our students. We are hoping there will be little change from Erasmus, and much work is happening to give you the best possible experience if you opt to be part of this Year Four scheme.



Postgraduate foundation training and beyond



At the end of the undergraduate programme you'll receive your degree. The General Medical Council (GMC) approves your university's degree as a primary medical qualification (PMQ).

This is important because, provided there are no concerns about your fitness to practise, a PMQ entitles you to provisional registration with the GMC for a licence to practise medicine in the UK.

The GMC is introducing a Medical Licensing Assessment – the MLA. The MLA will create a demonstration that anyone obtaining registration with a licence to practise medicine in the UK has met a common threshold for safe practice. The MLA will be part of your medical school examinations.

You can find out more about the MLA for UK students at www.gmc-uk.org/mla

As a graduate, you will be expected to complete the two year Foundation Programme. 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.

Up-to-date information on the UK Foundation Programme is available on foundationprogramme.nhs.uk

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.

Information on registration can be found on www.gmc-uk.org/registration-and-licensing

More information can be found on www.medschools.ac.uk/studying-medicine



What our people say . . .

Dr Uroosa Kabeer

I am a Senior Lecturer in Community Clinical Learning, a GP tutor and a CBL facilitator with over 20 years teaching experience on the Cardiff Medicine programme.

Why do you teach undergraduates?

As a CU graduate, teaching Cardiff medical students is close to my heart. C21 constantly innovates and improves and, as a GP educator, I can contribute to that but also benefit as a professional. I enjoy teaching my students but, as Medicine is teamwork, I learn from them too.

What do you enjoy most about teaching here?

I get great satisfaction from supporting students on their learning journey, in groups and as individuals. Helping our students develop personal and professional qualities they will need as junior doctors is very rewarding. I particularly enjoy watching them use their knowledge and skills with patients in clinical settings.

What can your students expect from you?

I am a GP educator whose own children are studying Medicine, so students can expect a caring, compassionate teacher who recognises and emphasises the challenges faced by doctors of the future. I take pride in providing the theoretical scientific teaching essential to our curriculum, plus guidance on getting the most from assessments. As a writer of exam questions, I can provide insights that help our students target their studies. I also provide practical and technical training, helping our students to improve their consultation and diagnostic skills.



Dr Ceri Evans

I am Year 3 Director and a consultant old age psychiatrist.



Why do you teach undergraduates?

As a clinical academic, I combine the most rewarding aspects of my work: patient care and education. Cardiff medical students are the brightest and best. My teaching role is often more about facilitating learning than transfer of knowledge. Their enthusiasm and commitment is infectious; I learn as much from them as they do from me. I always tell them that – I'm not sure they believe me but it's true!

What can your students expect from you?

I think I am approachable, enthusiastic and student-centred in thinking about education. My knowledge of mental health and psychology means I try to ensure students always consider psycho-social aspects of a patient's condition. This also helps me to help Year 3 students in need of support.

What makes Wales stand out?

Clinical placements across Wales create a rich student experience. Students can apply to spend Year 3 in primary care, as a fulltime member of the clinical team. This experience is not available in many medical schools. Wales is bilingual and a unique aspect of medical training here is the choice to study through the medium of Welsh. All of our students learn to communicate with patients despite language differences – a useful transferable skill to take you anywhere in life.

Miss Awen Iorwerth

I am a Clinical Lecturer.



Why do you teach undergraduates?

Prof Lewis in the Wales School for Surgery in the Wales Deanery helped develop my interest in training young doctors and encouraged me to take the job of the core Surgical Training Programme Director in Wales. Having organised several Welsh Medical Society Conferences, I was inspired by the enthusiasm of the Cardiff undergraduate medical students and the opportunity to develop Welsh medium medical education with the Coleg Cymraeg was an opportunity that was too good not to take!

What makes Cardiff stand out?

A small enough community to get to know people, but big enough to develop clinicians of international standard.

What do you enjoy about teaching?

Watching the penny drop! And seeing the students make the link between science and the patient in front of them.

What can your students expect from you?

Someone who explains the concept clearly and tries to demonstrate why they are learning an exceptional subject.

Dr Aaron Wong

I am a Consultant Cardiologist and General Physician and Honorary Lecturer.



Why do you teach undergraduates?

Better medical education improves healthcare. I feel honoured to help my students form a strong clinical foundation for their career and find teaching them exciting, fulfilling and rewarding. I want to help them develop into influential leaders and passionate doctors who love to treat the patient as well as the disease.

What can your students expect from you?

As well as the science, I aim to be a role model, helping my students learn how to communicate with patients and family and to lead and support other team members. I treasure every encounter with my students and work hard to "make each teaching count". My teaching style adapts to their needs and my sense of humour and relaxed approach help us to connect.

What makes Cardiff stand out?

C21 graduates have been supported by dedicated, outstanding educators in Cardiff and across Wales, and this shows. They have had clinical experience from their earliest years, on a course where learning Medicine is fun and interactive. Using clinical and non-clinical information, they are able to "solve the puzzle" (make the right diagnosis), which builds a sense of personal achievement and confidence.

The Medical Pharmacology BSc Programme (UCAS B210)

3 year (or 4 years, to include the Professional Placement) undergraduate course

Medicines: How are they discovered & developed? Why do we need them? What do they do and how do they work?

With medicines underpinning healthcare, our BSc programme aims to encourage and develop your natural curiosity about how they work. As a student you will embark on a high quality, in-depth exploration of modern Medical Pharmacology, with specialised training in internationally-recognised research laboratories. You will be taught by experts from a team of pharmacologists and clinical pharmacologists. Throughout the course there is emphasis on providing you with transferable skills such as data analysis and organisational and problem solving skills, making your degree highly attractive to future employers.

Each year up to 10 places are available across the 4 year Graduate Entry Medicine (UCAS A101 Cardiff) scheme, allowing graduates of this BSc programme to go on to become medical doctors.

A BSc degree in Medical Pharmacology from Cardiff University is a valuable commodity. As a graduate from a leading Russell Group research institution, your skills and experience will mean that you are well placed for rewarding and challenging careers in the pharmaceutical industry, academia (for research and teaching), governmental regulatory bodies, the healthcare sector and a range of other professional career pathways e.g. patent law.

How will I spend my time?

- Scheduled learning and teaching activities
- Guided independent study
- Placement

Year One



Year Two



Year Three (optional PPY)



Final Year



Programme structure and content

YEAR ONE

Underpinning modules taken in common with the School of Biosciences, where you will spend most of your time, provide knowledge of physiology, anatomy and biochemistry. A flagship module provides specific information on:

- Foundations and Principles of Pharmacology.

Your time in Year One will be divided between our two campuses, with 100 credits of teaching in Cathays and 20 credits at Heath Park.

YEAR TWO

Basic & clinical coverage of drugs and their actions in a wide range of contexts, plus:

- Pharmacology-specific practical applied skills
- Pharmacology research techniques
- Clinical Anatomy.

You will be based almost entirely on the Heath Park Campus. Those students taking the Clinical Anatomy module (spaces limited) will have 20 credits of teaching in Cathays and 100 credits at Heath Park.

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

Research-led specialist pharmacology topics including:

- Pharmacogenetics
- Cardiovascular pharmacology
- Immunopharmacology
- Neuropharmacology
- Cancer Biology
- Drug Development and Therapeutics
- Plus an intensive medical research laboratory-based research project.

You will be based on the Heath Park Campus, working with active researchers. Some final year students also undertake projects elsewhere in the University.

B210 Programme Entry Requirements

A-level: Typical offer: AAB to include Chemistry and at least one other science subject (preferably Biology but Physics, Mathematics or Statistics are also appropriate). General Studies or Critical Thinking are not accepted. Only one Mathematics or Statistics subject may be included in meeting the conditions of the offer. Applicants undertaking science A-levels where a separate practical assessment is reported will require a pass in this element.

WBA: Typical offer: AAB to include A-level Chemistry plus another Science subject* and the Welsh Baccalaureate Advanced Skills Challenge Certificate (WBA).

* from Biology, Physics, Mathematics or Statistics.

IB: Please look on our website for details.

Other: Applications from those offering alternative equivalent qualifications are welcome.

English Language and Maths GCSE must be at least grade 6 (B).

For more information contact:

Prof Derek Lang, Admission Lead
email: langd@cardiff.ac.uk

You really feel supported by members of staff.

Frank Frayne
Medical Pharmacology student

Life outside your studies

This is just a taster of our student societies.

For more go to: www.cardiffstudents.com/activities

First Responders

Cardiff Medics Community First Responders recruits medical students in their third year or above to train as Welsh Ambulance Service First Responders, responding to 999 calls. Working as part of the Welsh Ambulance Service, our aims are to deliver a quality service to our local communities and provide invaluable experience in Emergency Medicine to our members. As a First Responder, you will attend the most critical of emergencies, from patients who have collapsed in the street to those who are having a heart attack in their home. Using your training, you will provide the vital pre-hospital care that could save someone's life.



MedSoc allocates Freshers a 2nd year 'Mummy' and 'Daddy' who are there to help you to settle into med student life.

Our medic 'family' has grown to 6 generations that are still in touch.

Dr Antony Wilby, Cardiff graduate

Teddy Bear Hospital

Teddy Bear Hospital Cardiff is a society that aims to reduce children's fears of hospitals through play. We also offer medical students a fantastic opportunity to develop their communication skills and interact with children aged 3-11 years old - helping everyone to find the cuddly side of Medicine. Working with local schools, after school clubs and other groups we also aim to teach children about the body and their health, using the fun medium of toys, small bandages, dressing up scrubs, and copious amounts of glitter. Teddy Bear Hospital Cardiff also supports our local hospital Noah's Ark Children's Hospital Charity, raising money by holding events such as cake sales, pub quizzes and a Teddy Bear's Picnic.



The Wilderness and Expedition Medicine Society (WEMS)

Are you a bit of an adventurer? Like the great outdoors? Or just want to take Medicine one step further?

This is the ethos of WEMS - we aim to equip our members with hands on, practical teaching in the treatment of medical emergencies in a remote setting, taught by older medical students, doctors, guest speakers. WEMS makes sitting in lecture theatres a whole lot more interesting! Not forgetting to put everything in context - we regularly go on expeditions and treks.





Medics Sport

Sport is available to all Cardiff students, through University or Medics teams. This makes it easier to play sport at university by fitting training sessions and matches around demanding timetables and having a more forgiving attitude when course commitments clash. Medics teams also allow students on healthcare subjects to “network” with each other and provide a stable pastoral role, as older students have been there already.

However, don't underestimate us - we are a competitive bunch by nature and we make sure this is shown on the pitch, court and field!

Widening Access to Medicine Mentoring Scheme (WAMMS)

WAMMS is a student-led initiative which aims to raise aspirations. WAMMS encourages students in socio-economically disadvantaged areas across Wales, and in schools where applications were previously low, to consider a career in Medicine. By involving medical students on placement around Wales, we have been able to access schools in every county. Our mentors give support and guidance to pupils in Years 11-13 who are interested in Medicine, and offer advice on topics such as personal statements, interviews and work experience. It is also a great opportunity to share their experiences of university.

We want to reach out to even more schools; once you join Cardiff University we hope you will get in touch with us to find out how you can get involved: WAMMS@cardiff.ac.uk



“Sports and Societies are a great way to explore areas of interest with likeminded people while developing new skills which you can take forward into the future.

Dan Parry, medical student

Cardiff has a wide selection of societies and sports clubs and everyone is really welcoming! Healthcare basketball has to be the best of them all!

Amy Clark, medical student

MedSoc

MedSoc is Cardiff University's award-winning, student-led medical society. From supporting students and appraising the course curriculum to planning the best social events for student medics, MedSoc aims to provide you with the best University experience, tailored to meet your evolving needs.

MedSoc represents students across all years of the course. Committee members work closely with the School of Medicine and organise activities to help you make some of those important decisions you face as a prospective doctor.

For more information follow 'Cardiff MedSoc' on Facebook, Instagram and Twitter.



Institute for Healthcare Improvement Open School

Cardiff medical students are making a real difference to the NHS thanks to a simple initiative called “Ask One Question”. Students ask patients, “What can I do to improve your day?” and act on their responses, which has identified issues from adverse drug reactions to doctor-patient communication breakdown.

This idea has been so successful that our students presented at an international conference and won an award. It is now in our C21 curriculum and has been adopted internationally.

Healthcare Drama Society

Cardiff Healthcare Drama Society is the society for anyone, doing any course (not just healthcare!), who loves any aspect of drama. We welcome people with all levels of experience and have offered a wide range of projects to excite anyone interested in performing arts, organised to suit the busy schedules of healthcare students.

We are prolific creators and have performed many self-written productions since we were founded in 2017. In 2021-22, nearly a thousand people attended our two original shows – “The Observatory”, a hard-hitting

celestial musical, and “Cathays Anatomy”, an all-singing, all-dancing medicine-themed comedy drama.

You can get involved in any aspect of our plays and musicals – whether you’re an actor or a writer, a singer or a dancer, or fancy giving backstage or tech support a try, there is a place in HDS for you.

This year, you can look forward to more productions written by our members, fun and vibrant socials, and an incredibly welcoming society that has been a highlight of many members’ university experiences.



It is so affordable! To this day I still can't believe how little it costs a Cardiff University student to go to the cinema! The accommodation and food prices are fantastic compared to other places like London where you would be paying double the amount!

Ellen Nelson-Rowe, medical student

Cardiff Healthcare International Perspectives Society (CHIPS)

Cardiff Healthcare International Perspectives Society (CHIPS) is a community of students keen to educate and support our future healthcare leaders. Starting with our annual Welcome Evening, we organise social events to provide international students with opportunities to make new friends and to embrace their culture. The society also prides itself in delivering high-quality teaching in the preclinical and clinical sciences. Established in 2018, CHIPS has since pioneered national and international events which have reached out to over 40,000 healthcare professionals globally. CHIPS is well-known for making students from all over the world feel at home in Cardiff. Everyone has a place in CHIPS!



Cardiff - an International University

ACMA Cardiff

ACMA Cardiff is a student society whose mission is to promote good race relations and equality of opportunity within our medical school, the healthcare profession and the wider community in Wales. We aim to inspire and equip more African Caribbean students to apply to Medicine, through our outreach and mentorship scheme. We help our members accomplish career aspirations by supporting their learning and providing networking opportunities. Additionally, we work closely and collaboratively with our medical school to improve experiences of race & diversity in all aspects! For more information, go to www.acmacardiff.co.uk



Research

Cardiff is a member of the Russell Group, Britain's foremost research-intensive universities

Our School of Medicine is the oldest in Wales and one of the largest in the UK. We have a proud record of internationally-renowned research and our students learn from researchers whose work makes a real difference to society.

Our research is organised into divisions: Cancer & Genetics; Infection & Immunity; Population Medicine; and Psychological Medicine & Clinical Neurosciences. Our School of Medicine also hosts two University Research Institutes: the Neuroscience & Mental Health Research Institute and the Systems Immunity Research Institute. As a medical student, you can choose to develop your personal interests, learning from leaders in their field, in any of these areas. You will have multiple opportunities, through Student Selected Components, intercalation choices and via membership of Cardiff University Research Society (CUREs), our well-respected, student-led society.

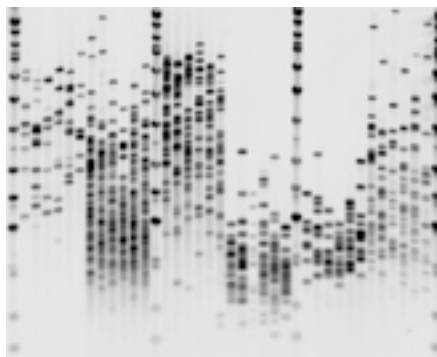
Doctors need to feel comfortable with research and we will help you with this. Our expertise and support for your interests will develop a range of skills you will use for the rest of your career. If you want to go further in research, you will have access to world-class opportunities.



Cardiff University: Changing the Game

More accurate prediction of disease progression

A test predicting the prognosis for patients with breast cancer and Chronic Lymphocytic Leukaemia, some of the most common forms of cancer in the UK, was developed by School of Medicine Professors Duncan Baird, Chris Fegan, Chris Pepper and their teams. The technology, now being developed by TeloNostiX Ltd, will help guide doctors' decisions on how to manage their patients.



Technology, now being developed by TeloNostiX Ltd, will help guide doctors' decisions on how to manage their patients

Cancer Immunotherapy: Arming our own immune cells to destroy cancers

Treatments for some blood cancers are being revolutionised by CAR-T cell therapies that boost the cancer patients' own immune system. New research by School of Medicine researcher Professor Ann Ager and her team (pictured above) has shown that other cancers could potentially be destroyed by boosting the patients' own immune cells to kill cancers.

Protecting young people from Human Papillomavirus (HPV)

Sore arm? You can thank School of Medicine researchers Dr Ned Powell and Dr Sam Hibbitts, whose work led to widespread vaccination of school students against HPV.

Research and lobbying by Dr Powell and Prof. Mererid Evans (Consultant Oncologist at Velindre Hospital) helped to convince UK governments to routinely vaccinate 12-13 year old boys and girls. HPV is linked to multiple forms of cancer and vaccination is expected to prevent around 6000 cases a year across the UK.

Cardiff University Research Society



CUREs is a student-led society which aims to foster and develop a passion for research among Cardiff medical students. Together with the Academy of Medical Sciences' INSPIRE programme and Cardiff Undergraduate Research Opportunities (CUROP) programme, CUREs coordinates a range of events and schemes to help students of all years develop and undertake an extended research project in an area of their interest. Cardiff students have an excellent reputation for their achievements in research, with many attaining peer reviewed publications and national prizes in recognition of their work prior to graduation. You might not think research is for you but this may change as your experience broadens and you identify problems you'd like to solve while studying or on clinical placements. As a Cardiff student, you can rest assured that CUREs' support will help you seek the solution.

For more information, Like 'Cardiff University Research Society - CUREs' on Facebook.

Don't just take our
word for it...

In my time at Cardiff, I had the opportunity to meet and be mentored by leading research clinicians and scientists. This culminated in a Summer Vacation Scholarship. I was sponsored to spend my summer holidays undertaking a supervised laboratory project in a leading immunology lab, a fantastic first exposure to this unique environment which can be hard to break into. These first experiences were instrumental in shaping my future ambitions as a clinician-scientist.

Dr Simon Thebault
Cardiff graduate

A capital city



Cardiff is a compact city with an enormous character. Nestled between the rugged coastline and breathtaking mountainous scenery of Wales, the country's capital is a cornucopia of culture, marrying historical delights with cosmopolitan amenities.

Providing an endless array of activities, one stroll through its cobbled streets can see you learn about the rich tapestry of Cardiff's past at Cardiff Castle before soaking in the atmosphere as the crowds spill from the Principality Stadium after one of the many sporting events it holds year round.

The vibrant and independent culinary scene is the heartbeat of the city. With something

to please every palate, you can enjoy fine dining, plant-based treats and exotic cuisines from almost every corner of the globe, without forgetting Welsh cakes for dessert!

Wales is the land of song, and Cardiff certainly contributes heftily to this legacy. This city is built with music running through its veins, from the oldest record store in the world, Spillers Records, which is tucked away in Morgan Arcade, to more contemporary and intimate venues which host some of the world's most exciting new musical talent.

Though your Cardiff bucket list may be bursting at the seams, be sure to make a little room for our National Museum, which is a place of

true wonder, while the iconic Wales Millennium Centre in the idyllic setting of Cardiff Bay is simply not to be missed.

Bustling with personality, Cardiff is a city made for students, offering an endless string of entertainment opportunities while remaining inexpensive and easy to navigate.

The modern shopping centres, aesthetic arcades, luscious green parks and thriving nightlife are a huge draw for living in Cardiff, though you'll always find your way back to our Students' Union, which is the true home of the student scene in the city.



“

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

Complete University Guide

”



A leading university

Part of the
**RUSSELL
GROUP**

A leading university



Our students learn from leading researchers in over 300 courses across the University. As Wales' only Russell Group institution, we have gained an international reputation for excellence in teaching and research, which is built from our history of achievement since 1883.

Cardiff University becomes home for approximately 5,500 new undergraduate students every year. While competition for places is strong, we pride ourselves on being an inclusive university, welcoming applications from everyone who wishes to study with us.

We are a global university with over 7,500 international students from more than 100 countries and open our doors to all applications, irrespective of background.

Facilities and development

Committed to investing in our services, Cardiff University is home to new and well-equipped laboratories, lecture theatres, libraries and

computing facilities to name a few, with more exciting developments continuously underway.

We take our environmental, safety and security responsibilities seriously, embracing our comprehensive Energy, Water and Waste Policy, which is already making great savings in energy consumption and helping us to do our bit to tackle climate change.

Global Opportunities

We are partnered with over 200 leading institutions across the world, and our Global Opportunities team will help you to gain valuable international experience, through study, work or volunteering.

Supporting you

Our student support and wellbeing centres deliver a substantial range of services available to all students that are free, impartial, non-judgemental and confidential, aimed to help you make the most of student life and support you during your study.

We are also rated as one of the best universities for supporting LGBT+ students and are proud to be ranked highly in the Stonewall Workplace Equality Index.

Virtual campus tour

Discover more about the School of Medicine, University and the city of Cardiff through our interactive online tour at:

virtualtour.cardiff.ac.uk

Living in Cardiff



“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, 2020



Cardiff is the perfect place to be a student. It mirrors the hive of activity a big city offers, but in an intimate and compact setting with endless character. Drink in the atmosphere, soak up the culture and get stuck into the host of activities available in our city; your new home.

A guarantee of 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, living with other first year undergraduate students.

The residential dates for your particular accommodation will be confirmed in your Offer of Residence.

Residence Life

While staying in Cardiff student accommodation, you will have access to the incredible service provided by the Residence Life Team who work tirelessly to enhance your student experience.

Working in partnership with Student Support and Wellbeing, the Residences Office and the Students’ Union, Residence Life will welcome you to Cardiff and help you to make a smooth transition into University.

They also help foster a strong sense of community through social events and cultural activities, as well as practical support too.

Students’ Union

Our Students’ Union is at the heart of the Cardiff student experience. It’s a student-led and independent part of the University, dedicated to making your time with us the best it can be.

Built on the foundation of inclusion, diversity, personal development and friendship, the Students’ Union runs a range of activities and services to help enhance your Cardiff University experience.

These include advice, training, skills development, entertainment, volunteering opportunities and employment throughout your time at Cardiff and to prepare you for a career after University too.

Find out more . . .

Accommodation

For further information please visit our website: www.cardiff.ac.uk/residences

You can also watch our residences film online at: www.youtube.com/watch?v=hxZX-dYlFB8

Students’ Union

 facebook.com/cardiffstudents

 snapchat.com/add/cardiffstudents

 instagram.com/cardiffstudents

 [@cardiffstudents](https://twitter.com/cardiffstudents)

 www.youtube.com/cardiffstudents

Applications



To be considered for entry onto any of the undergraduate courses offered in the School of Medicine you should apply through UCAS:

UCAS, Rosehill, New Barn Lane, Cheltenham, Glos, GL52 3LZ, UK

www.ucas.com

Entry requirements

Please find our entry requirements on pages 16 and 17 of this brochure. For the latest information check our website:

www.cardiff.ac.uk/medicine/courses

Equality and diversity

We are committed to supporting, developing and promoting equality and diversity in all our practices and activities.

We aim to establish an inclusive culture free from discrimination and based upon the values of dignity, courtesy and respect. We recognise the right of every person to be treated in accordance with these values.

We are committed to advancing equality on the grounds of age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion and belief (including lack of belief), sex and sexual

orientation and to fostering good relations between different groups.

For further information, please visit:

www.cardiff.ac.uk/public-information/equality-and-diversity

Bilingual Welsh/English Skills

Whether you are already a Welsh-speaker or just keen to learn, the School of Medicine can support the development of your Welsh language skills in a number of ways. Many of our students have found using Welsh useful when training across Wales, and you can gain confidence through accessing online resources or tutor-led free Welsh lessons for all abilities. Welsh-speakers can undertake a Language Skills Certificate and can work with a Welsh-speaking personal tutor: Welsh-speaking tutors are happy to work bilingually too. Where possible, we ensure that those who wish to develop their Welsh language skills on placement work with Welsh-speaking educational supervisors.

Academically, C21 students can choose to work with Welsh-speaking students during some parts of the course, and you will be able to write your assignments or take some written

examinations in Welsh if you wish. You may be eligible for a £1500 scholarship through the Coleg Cymraeg Cenedlaethol if you study at least 30% of your degree through the medium of Welsh. For C21 students, this means Welsh CBL, some assessments and placements, all of which will support you to qualify as a confident bilingual doctor. More details can be found here: www.colegcymraeg.ac.uk/cy/astudio/cymorthariannol/ysgoloriaethmeddygaeth

We offer Welsh and bilingual admissions interviews and some of the student residences have been allocated for Welsh speakers and learners.

“Don't just take our word for it . . .”

The Welsh language opportunities in Cardiff med school make it truly stand out from other med schools.

Mae'r cyfleoedd o fewn Ysgol Feddygaeth Caerdydd i weithio drwy gyfrwng y Gymraeg yn gwneud i'r ysgol wir sefyll allan o gymharu â ysgolion meddygol eraill.

Moli Roberts, medical student

Applications *continued*



Open Days

The University runs Open Days throughout the year giving anyone considering applying to Cardiff the chance to find out more about life at university and see what we offer.

If you apply and are offered a place for Medicine, you will be invited to meet us at an Offer Holder event. When making that important decision, we strongly encourage you to join us. Not only will you have the opportunity to hear more about our degrees, you will also meet staff, have the chance to talk to current students and to get the feel for our cosmopolitan capital city.

Student support

Whether or not you use student support services it's reassuring to know that they are available to you should you need them. Every student is assigned a personal tutor but should you need extra support we have a range of services available to you.

Such as:

- Disability and Dyslexia support
- Counselling and Wellbeing Guidance
- International Student Support
- Student Mentor Scheme

Email: studentconnect@cardiff

Tuition fees and financial assistance

The University charges an annual fee which covers all tuition fees, registration and examinations other than the re-taking of examinations by applicants not currently registered. Please note charges for accommodation in University Residences are additional.

Tuition fees

Please see the following website for more information: www.cardiff.ac.uk/fees

Scholarships and bursaries

For more information please visit the following website: www.cardiff.ac.uk/scholarships



Important Legal Information

The contents of this brochure relate to the Entry 2024 admissions cycle and are correct at the time of going to press in October 2022. However, there is a lengthy period of time between printing this brochure and applications being made to, and processed by us, so please check our website at: 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 brochure and our website, the contents of the website take precedence and represent the basis on which we intend to deliver our services to you.

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

This brochure 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.

When you have finished with this brochure it can be recycled, but please consider passing on to a friend or leaving it in your careers library for others to use.




Thank you.

Cardiff University is a registered charity, no. 1136855

How to find the School

The School of Medicine is based at our Heath Park Campus, on the site of University Hospital of Wales (UHW), one of the UK's largest teaching hospitals. Central Cardiff is within walking distance and many students choose to live in accommodation between the two.

Key

-  School of Medicine
-  University and NHS buildings
-  Student residences

This prospectus can be made available in alternative formats, including large print (text), Braille and on audio tape/CD.

To request an alternative format please contact Laura Roberts:

Tel: **029 2087 4455**

Email: **RobertsL9@cardiff.ac.uk**

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CAERDYDD

To find out more about the
School of Medicine please visit
our website:
www.cardiff.ac.uk/medicine

Contact us

Tel: +44 (0)29 2068 8113

Email:

medadmissions@cardiff.ac.uk

School of Medicine

Cardiff University
Cochrane Building
Heath Park
Cardiff CF14 4YU

Stay in touch



CardiffC21



@CardiffMBBCh21
@cardiffuniug

Student life

Got questions about student life?
Get them answered at:

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

Want to know more about life at
Cardiff University? Our student
bloggers are recording their
experiences and are happy to
answer your questions.

Our student bloggers are real
students studying on a range of
courses. They are here to answer
any questions you have about life at
Cardiff University. What's a typical
day like? What clubs and societies
are there? Is Cardiff's music
scene any good? It can be almost
anything.

