



UCD School of Medicine
Scoil an Leighis UCD

UNDERGRADUATE PROSPECTUS



2022 / 2023



+ WELCOME



It gives me great pleasure to introduce you to the UCD School of Medicine. We are proud of our reputation: shaped and built over the last 165 years as an international leader in the provision of excellence in education and research.

At undergraduate level, we offer six highly competitive programmes in Medicine (undergraduate and graduate entry), Biomedical Health & Life Sciences, Radiography (undergraduate and graduate entry), and Physiology.

At graduate level, the School delivers a portfolio of more than 40 Masters, Diploma and Certificate courses for hospital doctors, family practitioners, radiographers, scientists, healthcare managers and practitioners.

Our School is an internationally recognised and accredited provider of healthcare education with long established partnerships and affiliations with academic and clinical institutions around the world. Our graduates have reached leadership positions throughout the globe.

Our current student population comprises more than 60 nationalities, and non-EU international students account for over 25% of the total undergraduate student cohort. This diversity is one of the defining features of life at UCD, and one that enriches the student experience at a truly international campus.

We are driven not just by the desire to provide our students with the best possible research-led education but also by a belief that the health professionals of tomorrow benefit from a supportive, collegial environment, in which extra-curricular talents and interests can thrive alongside academic excellence.

I look forward to welcoming you to University College Dublin.

Professor Michael Keane

Dean of Medicine and Head of School
UCD School of Medicine

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✉ study.medicine@ucd.ie | international.medicine@ucd.ie

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+ OUR SCHOOL



Mission

To improve healthcare in Ireland and around the world by educating and training health professionals and translational medicine scientists who together form a community that is driven by a commitment to service, enquiry and continuous improvement.



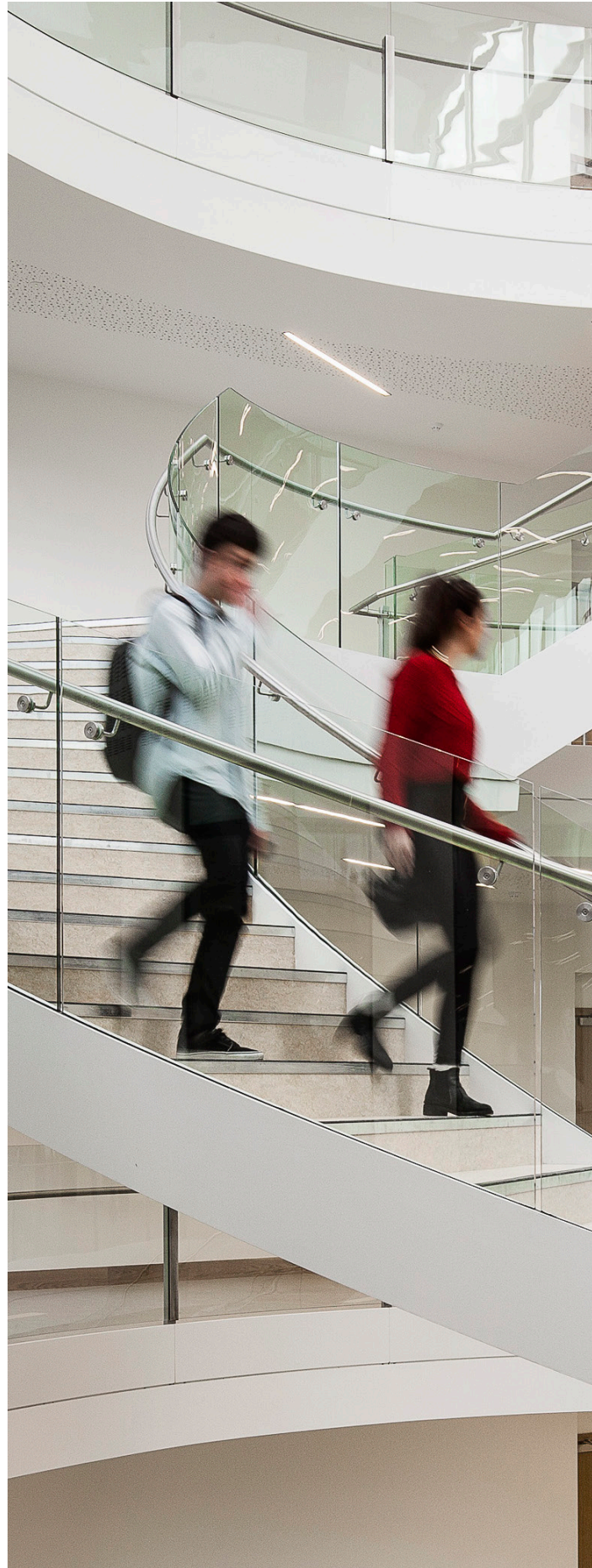
Vision

To be internationally recognised as a dynamic, research-intensive Medical School fully integrated within Ireland's global University and within Ireland's leading academic health system.



Values

Reflecting the University's values, the School prioritises excellence, integrity, collegiality, engagement and diversity. In addition, the School commits itself to public service, clinical leadership and collaboration with its partners in healthcare.





Established 165 years ago



2000 + undergraduate students



1000 + graduate students



25% international (non-EU) students



60 nationalities



6 undergraduate programmes



40 + graduate programmes



180 + academic staff



670 + adjunct faculty



160 + research funded staff



**€110m external research funding over
the last five years**



1871 publications in 2015 - 2020



Applying for residency in the US is a challenging process especially as an International Medical Graduate. UCD has a good track record of placing graduates in top academic hospitals in the US including the Mayo Clinic, Massachusetts General Hospital, University of Pennsylvania Hospital and Washington University. UCD graduates are looked upon very favorably at the Mayo Clinic.

I am very grateful to University College Dublin for providing excellent clinical and research training and for the numerous opportunities to do clinical electives at some of the best hospitals in the US, such as University of Pennsylvania Hospital, Washington University, Emory and University of Pittsburgh Medical Center.

DR MATTHEW HO

Class of 2020, Residency, Internal Medicine, Mayo Clinic

+ WHY STUDY WITH US?

EXCELLENCE IN HEALTHCARE EDUCATION

Our School is an internationally recognised and accredited provider of healthcare education with long-established partnerships and affiliations with academic and clinical institutions across Europe, in the United States, Canada, China, the Middle East, Malaysia and Singapore.

Our educational programmes are innovative, student centred and subject to continual best practice review. They are accredited or recognised by regulatory bodies including the Irish Medical Council, Irish Institute of Radiography & Radiation Therapy (IIRRT), CORU (regulating Health & Social Care Professionals), Malaysian Qualifications Agency (MQA), Malaysian Medical Council, Educational Commission for Foreign Medical Graduates (ECFMG), Federation of State Medical Boards (FSMB) and the World Federation for Medical Education (WFME).

RESEARCH-LED TEACHING AND LEARNING

The majority of our large and expert faculty are active researchers contributing to the discovery of new knowledge and to the continual development of our curriculum. Many are clinicians who practise in the community, in acute hospitals or in specialist care centres. Our faculty hold senior leadership positions within the University, at our teaching hospitals and across the Irish health service.

Our School has a wide and dynamic research portfolio extending from in silico bioinformatics, molecular laboratory investigations of disease to clinical research evaluating new therapeutic strategies.

Our teaching is research-informed and research-led and in addition, we offer opportunities for students to undertake independent or structured research under the supervision of our expert research faculty as part of or in addition to normal programme coursework.

These opportunities include:

- Undergraduate student research programme
- International research electives
- Intercalated research masters in medical science

We value science as the foundation of healthcare and so scientific knowledge is at the core of all our programmes. Many of our staff are involved in multi-national research projects and clinical trials, contributing to UCD's global footprint in healthcare science research.

PATIENT PARTICIPATION

Patient participation and care is at the heart of our academic and educational philosophy. We deliver integrated curricula, providing opportunities to learn biomedical principles and concepts in the context of patients and healthcare. Our students meet and interact with patients at the earliest possible stage and throughout their time at UCD.

We believe passionately in training doctors and healthcare professionals who have a strong understanding and appreciation of the patient experience. As a Medicine programme student, you will shadow family practices, train at Ireland's most extensive network of teaching hospitals and learn from our patient educators.

The UCD Patient Educator Programme was set up in 2009 and has enabled us to put patients at the forefront of medical education. While the patient's traditional role in educating future doctors is often a passive one, UCD patient educators not only lead teaching sessions, but are also trained and encouraged to give feedback to students on their developing skills and attitudes.

We consider our patients as partners in clinical education who facilitate the practical application of theories and concepts studied on our programmes. We believe this to be invaluable experience that can be applied by our graduates anywhere in the world.

INTERNATIONAL ELECTIVE OPPORTUNITIES

Each year, our students compete for highly prized international clinical and research elective opportunities at our international partner institutions. Through our global reach, we have established connections with some of the world's most prestigious institutions such as Harvard Medical School, Washington University, University of Pennsylvania, University of Toronto and University of British Columbia. These funded electives allow students to explore in further depth topics of relevance to their degree programme. The experience and knowledge gained from these electives help with applying for residencies upon graduation.

Students also benefit from the experience of working, living and studying within a different healthcare system and some take the opportunity to take voluntary learning and electives in the developing world.

INTERNATIONAL PARTNERS

UCD is a member of many international higher education institutional networks including Universitas 21, The Worldwide Universities Network, The International Association of Universities and Universitas 21 Health Sciences Group.

Membership of these networks gives our students a wide range of partners to choose from when considering overseas elective opportunities. Some of these are listed below.

Baylor College of Medicine, Houston, Texas, USA
Cleveland Clinic, Ohio, USA
Dana Farber Cancer Institute, Harvard University, Boston, USA
Harvard Medical School, Boston, Massachusetts, USA
Dartmouth College, Hanover, New Hampshire, USA
Emory Healthcare, Emory University, Atlanta, Georgia, USA
Hospice Africa, Uganda
Korea University, Seoul, South Korea
Lund University, Lund, Sweden
Mayo Clinic, Rochester, Minnesota, USA
Medical College of Wisconsin, Milwaukee, Wisconsin, USA
University of Wisconsin, Madison, Wisconsin, USA
National University of Singapore, Singapore
RUMC Malaysia Campus, Penang, Malaysia
Quinnipiac University, Hamden, USA
Royal University Hospital, University of Saskatchewan, Canada
University of British Columbia, Vancouver, Canada
University of Manitoba, Winnipeg, Manitoba, Canada
University of Toronto, Ontario, Canada
University of Western Ontario, Ontario, Canada
Hospital for Sick Children, Toronto, Canada
McGill University, Montreal, Quebec, Canada

McMaster University, Hamilton, Ontario, Canada
Shenzhen University, Shenzhen, Guangdong, China
Fudan University, Shanghai, China
State University of New York, Buffalo, New York, USA
Stony Brook University, Stony Brook, New York, USA
Hospital for Special Surgery, New York, USA
University of Basel, Basel, Switzerland
University of California at Davis, Sacramento, California, USA
University of California, Los Angeles, California, USA
Duke University, Durham, North Carolina, USA
University of California at San Diego, La Jolla, California, USA
University of Chicago, Illinois, USA
University of Descartes, Paris, France
University of Kansas, Lawrence, Kansas, USA
Pennsylvania, USA
Lankenau Medical Centre, Pennsylvania, USA
University of Pittsburgh, Pennsylvania, USA
University of Pennsylvania, Philadelphia, USA
University of Queensland, Brisbane, Australia
University of Sydney, New South Wales, Australia
University of South Alabama, Alabama, USA
Virginia Commonwealth University, Richmond, Virginia, USA
Washington University, St Louis, Missouri, USA



DR BRENDAN ROWAN, CLASS OF 2020, JUNIOR DOCTOR IN THE MATER MISERICORDIAE UNIVERSITY HOSPITAL

The medical education I received in UCD truly exceeded my expectations. In pre-clinical years, the lecturers and tutors were attentive, approachable, and all highly regarded in their fields. The clinical sites offered by UCD incorporate the top-teaching and specialist hospitals in Dublin, and around the world. I was fortunate enough to be selected and supported by UCD to spend four weeks of my paediatric rotation at Harvard Medical School. This involved placement at Massachusetts General Hospital for Children and attending lectures, tutorials, and simulation sessions. In my final medical year I received a scholarship from UCD to complete a sub-internship at the University of Pennsylvania. These opportunities would not have been possible without the broad and highly acclaimed network of UCD graduates working all around the world.



DR DAMIEN KELLY, CLASS OF 2020, MEDICAL INTERN AT MATER MISERICORDIAE UNIVERSITY HOSPITAL

I would highly recommend UCD School of Medicine to all prospective doctors – both from Ireland and further afield. The course perfectly strikes the balance between the academic and social aspects of university life. Boasting the largest medical society in the country, UCD also provides a course structure that ensures students are challenged but never overwhelmed. With its renowned affiliated teaching hospitals, students can be assured their clinical training is unrivalled within Ireland. Due to its many close international links, UCD also provides opportunities to travel and learn abroad. From my own personal experience, I was fortunate enough to have been offered both clinical and research opportunities in Vancouver, St. Louis and Philadelphia during my studies.



PHOEBE TING, BIOMEDICAL HEALTH AND LIFE SCIENCES CLASS OF 2017, NOW STUDYING GRADUATE ENTRY MEDICINE

Biomedical Health & Life Sciences is a course that has exceeded my expectations. With a wide range of classes available to me, I was able to delve into my particular area of interest, which is the field of cancer. Outside of classes, I had the opportunity to carry out summer electives and a 12-week research project with a Principal Investigator (PI) to expand my knowledge and enhance my learning. The four years spent at UCD studying this course have been invaluable to me, and I now feel well equipped to enter into the world of medical research with the ultimate goal of treating human diseases.



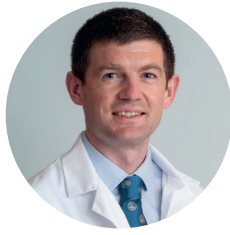
MICHAEL DAIGLE, CURRENT GRADUATE ENTRY MEDICINE STUDENT

The dedicated International Medicine Team has helped me to jump through all the bureaucratic hurdles of moving countries, with ease. In fact, they helped me to find a research position in palliative care in Uganda, as part of the Student Summer Research Awards. The opportunity to study Medicine in a diverse, competitive, supportive, and international environment is what made UCD the perfect match for me. I'm glad I made the leap to Ireland and I'm proud to say that I study Medicine at UCD.



DR NAOMI SMITH, CLASS OF 2015, UCD GP TRAINEE IN DUBLIN

The School of Medicine's unparalleled alumni network provides unique opportunities for international studies in both Lab Research and Clinical electives. Over two successive summers, I won scholarships offered by the School to carry out research in the University of Pennsylvania and a clinical elective in Lankenau Hospital, Philadelphia. This programme is very sociable, and I have made friends for life.



DR SEAN MURPHY, CLASS OF 2014, RESIDENCY, INTERNAL MEDICINE, MASSACHUSETTS GENERAL HOSPITAL

The excellent medical education and clinical training at UCD and its world-class associated teaching-hospitals thoroughly prepared me for a career in academic and clinical medicine. As a graduate of the Class of 2014, the opportunities afforded to me by training at UCD has opened many doors for professional and career development, including a clinical elective at the Mayo Clinic, Rochester, and research opportunities with internationally-renowned leaders in academic medicine. I am now in my final year of internal medicine residency at Massachusetts General Hospital, Boston, an incredible opportunity I would not have had were it not for the support of the School.



DR TARINI GUNARATNE, CLASS OF 2020, RESIDENCY, INTERNAL MEDICINE, CLEVELAND CLINIC

My time in Ireland was nothing short of spectacular. Being a foreign student came with its challenges but being involved in so many aspects of Irish and UCD life made it much easier. The first two years we laid the foundation of our knowledge and we had clinicals in the second two. I was able to concurrently be successful in the American board exams. This, along with my electives in the States at UCLA (as a recipient of the UCD summer electives competition) bolstered my US applications so that I matched at the Cleveland Clinic Fairview Hospital in Cleveland, OHIO for Internal Medicine. I liked that we were part of a bigger UCD network so I met people from all walks of life and from different programmes.



DR MÉABH O'HARE, CLASS OF 2012, FELLOW IN NEUROLOGY, HARVARD MEDICAL SCHOOL

I have very happy memories of my years spent at UCD, where the rigorous yet supportive academic structure opened the door for me to a career in neurology. I undertook basic postgraduate training in Ireland and US, followed by a year as Research Fellow in Stanford University, then Residency in Neurology in Harvard. I am now undertaking my Fellowship in Neurology in Harvard. I really appreciate the very high standard of scientific and clinical training I received in UCD, and I feel it prepared me exceptionally well for the challenges of clinical practice. I also appreciate the space I was given to engage in the wider college experience including working on language skills (Spanish and Polish) and joining the Philharmonic Choir as part of the Horizons programme.



DR MADDIE SERTIC, CLASS OF 2015, CLINICAL FELLOW IN THE DEPARTMENT OF ABDOMINAL IMAGING AT MASSACHUSETTS GENERAL HOSPITAL

I'm a graduate of Undergraduate Entry Medicine Class of 2015. After graduation, I completed my residency in Diagnostic Radiology at the University of Toronto. I am currently a clinical fellow in the Department of Abdominal Imaging at Massachusetts General Hospital. My time at UCD was instrumental in helping me achieve my goals. I was first exposed to Radiology through a summer observership organised by UCD's Summer Student Research Awards (SSRA). In my final two years of medical school, I was able to rotate through various Canadian hospitals on elective to help my application for a Canadian residency. The North American exposure offered by UCD was vital in helping me return home for my postgraduate training.



DR JACK MCHUGH, CLASS OF 2018, MEDICAL RESIDENT AT THE MAYO CLINIC

The UCD programme offers a superlative grounding in the basic sciences and in clinical medicine. Both St. Vincent's University Hospital and the Mater Misericordiae University Hospital are world class teaching hospitals, with internationally recognised medical practitioners. Following intern year in Ireland, I moved over to the USA, where I am currently working at the Mayo Clinic in Rochester, Minnesota. The process of 'matching' into a residency programme in the US as an international student can be exacting, but thankfully I received tremendous support from the School throughout. They assisted with US board exam preparation, and with obtaining high-quality clinical electives in the USA, with opportunities for fully-funded scholarships also available.

GRADUATE DESTINATIONS

We are very proud of the fact that our alumni go on to work in leading clinical and research institutions across the globe. Every year our graduates secure places in highly competitive residency/internship programmes in Europe, North America, Malaysia, Singapore, the Middle East, South East Asia and other regions.

Recent UCD Medicine graduates have been accepted to training positions at (but not limited to) the follow institutions and organisations:

Australia

Alfred Health, Melbourne, Victoria
Monash Health, Victoria
Northern Hospital, Melbourne, Victoria
Orygen, Parkville, Victoria
Royal Perth Hospital, Perth, Western Australia
Sir Charles Gairdner Hospital, Western Australia
University of Melbourne, Melbourne
Westmead Hospital, Sydney, NSW

New Zealand

Canterbury District Health, Canterbury
North Shore Hospital, Canterbury
Rotorua Hospital, Rotorua

Canada

Dalhousie University, Halifax, Nova Scotia
McMaster University, Hamilton, Ontario
Queen's University, Kingston, Ontario
University of Alberta, Edmonton, Alberta
University of British Columbia, Rural Fort St. John, BC
University of Manitoba, Rural Brandon, Manitoba
University of Ottawa, Ottawa, Ontario
University of Saskatchewan, Saskatchewan
University of Toronto, Toronto, Ontario
Western University, London, Ontario

Malaysia

Cyberjaya University College of Medical Sciences, Selangor
Hospital Kuala Lumpur, Kuala Lumpur
Ministry of Health, Putrajaya
Quest International University, Perak
Universiti Kebangsaan Malaysia, Putrajaya

United States of America

Advocate Health Care, Illinois
Barnes-Jewish Hospital, Missouri
Baylor College of Medicine, Texas
Beth Israel Deaconess Medical Center, Massachusetts
Blake Medical Center, Florida
Cleveland Clinic, Ohio
Columbia University, New York
Dartmouth-Hitchcock Medical Center, New Hampshire
Emory University, Georgia
George Washington University, District of Columbia
Hospital of the University of Pennsylvania
John F. Kennedy Medical Center, New Jersey
Massachusetts General Hospital, Harvard Medical School, Massachusetts
Mayo Clinic School of Graduate Medicine Education, Minnesota
Michigan State University (Women's HealthCare), Michigan
NYU Langone Health, New York
Pennsylvania Hospital, Pennsylvania
Rochester General Hospital, New York
Sinai Hospital of Baltimore, Maryland
Saint Louis University School of Medicine, Missouri
St. Luke's Hospital/Mount Sinai Morningside, New York
Stanford International Residency Training Programme, California
University of California, California
University of Louisville School of Medicine, Kentucky
Waterbury Hospital, Connecticut
Yale-New Haven Hospital Connecticut

Singapore

Khoo Teck Puat Hospital, Yishun, Singapore
National Cancer Centre Singapore, Singapore
National University Hospital, Singapore
Parkway Pantai, Singapore
Singapore General Hospital, Singapore
Singapore National Eye Centre, Singapore

UCD CLINICAL TRAINING NETWORK

The School has developed an extensive and expanding clinical training network in partnership with Ireland's best acute, specialist and general hospitals including two of the country's largest and busiest acute hospitals: St Vincent's University Hospital and Mater Misericordiae University Hospital.

Our students are supported by the country's largest clinical faculty comprising over 350 hospital consultants, 450 family practitioners and 75 radiographers.

Teaching Centres:

Cappagh National Orthopaedic Hospital, Dublin
Children's University Hospital, Temple Street, Dublin
Coombe Women's & Infants University Hospital, Dublin
Dublin Beacon Hospital
Dublin Bon Secours Hospital Dublin
Mater Misericordiae University Hospital, Dublin
Mater Private Hospital, Dublin
Midlands Regional Hospital, Mullingar, Co Meath
National Maternity Hospital, Holles Street, Dublin
National Rehabilitation Hospital, Dublin
Children's Health Ireland at Crumlin, Dublin
Our Lady's Hospice, Harold's Cross, Dublin
Royal Hospital Donnybrook, Dublin
Royal Victoria Eye & Ear Hospital, Dublin
St Columcille's Hospital, Dublin
St John of God Hospital, Dublin
St Luke's Hospital, Dublin (Oncology)
St Luke's Hospital, Kilkenny
St Mary's Hospital, Phoenix Park, Dublin
St Michael's Hospital, Dublin
St Vincent's University Hospital, Dublin
Tallaght University Hospital, Dublin
Wexford General Hospital, Co. Wexford



National Rehabilitation Hospital



St. Vincent's University Hospital



Beacon Hospital



Radiography Teaching Centres:

Our radiography students have a unique opportunity to undertake placements across Ireland's largest diagnostic imaging clinical training network at institutions and organisations such as:

- Barringtons Bon Secours, Limerick
- Beacon Hospital
- Beaumont Hospital
- Blackrock Clinic
- Charter Medical
- Connolly Hospital Blanchardstown
- Cork University Hospital
- Dublin Blackrock Clinic
- Galway Clinic
- Hermitage Medical Clinic
- Letterkenny General Hospital
- Mater Private, Dublin
- Mater Private Hospital, Cork
- Mayo University Hospital
- Mid-Western Regional Hospital, Limerick
- Naas General Hospital
- Our Lady of Lourdes Hospital, Drogheda
- Sligo University Hospital
- Sports Surgery Clinic
- St. Collumbcille's Hospital, Loughlinstown
- St James's Hospital, Dublin
- St. Vincent's Private Hospital
- University Hospital Galway



National Maternity Hospital, Holles St.



Mater Misericordiae University Hospital



FACILITIES

The Health Sciences Centre is the home of the UCD School of Medicine and links directly with the UCD Conway Institute for Biomolecular and Biomedical Research, the UCD Charles Institute of Dermatology and Systems Biology Ireland.

Completed in 2007, the Health Sciences Centre is designed to support interdisciplinary education, research and social interaction whilst preserving a degree of identity for each discipline.

Medicine, Nursing, Radiography and Physiotherapy groups are arranged in three wings around the Health Sciences Library. Lecture theatres, ranging in capacity from 40 to 320 seats, are situated on the ground floor, along with an open access computer suite, the IT services centre as well as a social space and restaurant facilities.

Clinical skills teaching wards and laboratories are located on the first floor, grouped around the central library atrium with small group class, tutorial, meeting rooms and offices arranged around the periphery, a design which provides natural light, ventilation and interaction.

- Clinical skills laboratory and simulated clinical anatomy environments
- Anatomy dissection facility
- Anatomy and pathology specimen library
- 120 seat computer aided learning suite
- Multidisciplinary biomedical teaching laboratory
- Over 1300m² of wet and dry research spaces providing more than 200 research work stations
- Multi-modality simulation suite with CT, MR, RNI and ultrasound
- Radiography virtual reality suite
- Radiography suite with CR, DR and film screen acquisition, and associated dosimetry and printing capability

Throughout the building, the multidisciplinary approach to education and research is strengthened by the presence of cutting-edge audiovisual and computing equipment and services. The simulated wards and clinical skills areas contain ceiling mounted digital video systems that allow either student or educator-led recording of patient interview, examination and investigation. This user-friendly system is ideal for both autonomous and directed student learning.



Anatomy Museum



Anatomy Dissection Facility



Clinical Skills Training Ward



+ STUDENT LIFE

Your student experience at UCD is something that you will carry with you throughout your life and your career. That experience will be informed not just by the expertise that you will gain, but also by the bonds of friendship and community that will define your time with us.

We believe that a medical education and university life should offer far more than a qualification alone. We want you to graduate having experienced the full social and academic spectrum of college life.

The UCD Campus has to be experienced to be believed. Our facilities include vaults of historical record, world-class teaching and research facilities, excellent accommodation, a huge sports centre with Olympic-size swimming pool, and interactive laboratories, some of which are unique to UCD. With such a large campus, we have the ability to house an incredible breadth of amenities, all of which make the UCD experience second to none.

CAMPUS LIFE

UCD is Ireland's most globally engaged university with over 30,000 students drawn from 136 countries, including almost 4,000 students based at locations outside of Ireland. The campus has all the facilities you would expect to find in a small town. Facilities include shops, cafés, a post office, a bank, a bicycle shop, a medical centre, a pharmacy and much more.

UCD has a dedicated student support network to help ensure that each student gets the most out of their time at UCD. The services and supports available encourage student welfare, inclusiveness and guidance.



CLUBS AND SOCIETIES

UCD SOCIETIES

With over 80 student societies, including the Medical, Music, Dramatic, World Aid, Languages and Chess Societies, UCD has something for everyone. Being involved in society life is a great way to make friends and develop your skills. The university experience is all about getting involved and getting active, trying something new, having fun and making some great friends and memories along the way.

societies.ucd.ie

UCD MEDICAL SOCIETY (MEDSOC)

UCD Medical Society is one of the largest faculty societies in UCD and is open for membership to all UCD students. MedSoc hosts a variety of both academic and social events throughout the academic year. These events include careers evenings, USMLE advisory talks, debating tournaments, medical case competitions, guest speakers, night club events, scavenger hunts and sporting events.

Charity fundraising is also a major focus for MedSoc and forms a huge part of activities carried out each year.

Many other smaller societies have come under the MedSoc umbrella in recent years, including the new Student Medical Journal, SurgSoc, Medical Student Overseas Relief (MSOR), Médecins Sans Frontières (MSF), PaedSoc and UCD Psyched, to help cater for the specific interests of our members.

ucdmedicalsociety.com

UCD SPORTS CLUBS

UCD sports clubs are at the center of student sport at the University. Clubs provide a huge range of opportunities to train, play and compete in sport, no matter what your passion, ability or level. There are nearly 60 sports clubs to choose from, ranging from team sports, adventure sports and water sports to martial arts and archery. ucd.ie/sport

UCD STUDENT CENTRE

The UCD Student Centre is at the core of the UCD Student Experience, providing a home for Clubs and Societies and UCD Students' Union as well as housing many of the essential services students interact with on a daily basis.

The services and supports available at the UCD Student Centre advocate student welfare, inclusiveness and guidance and all students are welcomed to avail of the following services:

- Health Service
- Pharmacy
- Student Union Shop
- The Clubhouse
- Poolside Café
- UCD Sport & Fitness

ucd.ie/studentcentre



50 metre swimming pool, UCD Sport and Fitness

STUDENT SERVICES AND SUPPORT

PEER MENTORS

The key role of a Peer Mentor is to help ensure the successful transition of new students to university life by sharing their experiences, challenges and insights into being a student at UCD. Your Peer Mentor will be confirmed during Orientation Week and they will be a friendly face for you to contact during the academic session with any queries or concerns. Your Peer Mentor will make you feel at ease and become familiar with your School, Programme and the wider campus.

ucd.ie/peermentoring

STUDENT ADVISERS

The School of Medicine Student Adviser, Kathleen Kiely, is a point of contact, support and referral for all UCD School of Medicine students throughout their studies. She can assist students in finding pathways to deal with personal, social and emotional issues and can advise of appropriate UCD policies, procedures and services. Kathleen works closely with academic and administrative staff as well as with the other student support staff to ensure that each student's experience at UCD is as fulfilling and enjoyable as possible.

ucd.ie/studentadvisers

DISABILITY SUPPORT

Students with a disability including physical and sensory disabilities, specific learning difficulties (e.g. Dyslexia, ADD/ADHD, Autistic Spectrum Disorders), mental health difficulties and significant ongoing conditions can register for a range of post-entry supports, including:

- Academic Skills support
- Assistive Technology
- Exam Accommodations
- Classroom Accommodations

Access & Lifelong Learning also promotes disability awareness throughout the University and works with academic and support staff to achieve this.

Registration for disability support is confidential. In order to register, documentary evidence of a disability is required. Students must attend a Needs Assessment in order to determine their needs and to agree on a support plan.

ucd.ie/all/ucdstudents/support/disabilitysupport



MEDICINE INTERNATIONAL TEAM SUPPORT

The Medicine International Team supports you from the moment you apply to study Medicine at UCD to long after you graduate.

Support is provided with:

- Residency matching advice including MSPE and MSPR letters
- United States Medical Licensing Examination (USMLE) preparation
- Mock Nac OSCE
- Advanced Cardiac Life Support
- Mock residency interviews with Career Advisers
- International Electives via Summer Electives Competition and the Clinical Elective Exchange Programme
- Visiting Student Learning Opportunities (VSLO)

For more details, go to ucd.ie/medicine/international

Contact details found at the bottom of this document.

MEDICINE PROGRAMME TEAM

Our team are here to provide a comprehensive range of supports for all current students of UCD School of Medicine.

From registration, through to your conferring, the Programme Team is dedicated to ensuring that you get the most from your time at the School. Our dedicated, student-focused team acts as the first port-of-call for a range of procedures and supports including (but not limited to):

- Registration
- Elective choices
- Timetabling
- Programme requirements
- Academic regulations
- Assessment and progression
- Extenuating services

Please find our contact details at the bottom of this document.



SALLY PAN, CURRENT MEDICINE STUDENT & SUCCESSFUL DEAN'S SCHOLARSHIP APPLICANT, 2021

The Dean's Scholarship has helped cover a large portion of the costs associated with an international medical elective. More specifically, it has helped cover the tuition of the elective. I am especially grateful for the scholarship as it helped contribute towards my learning.

I completed a 4 week rotation in General Surgery in St. Anthony North Health Campus. James Garlitz. I found this experience both enriching and deeply impactful on my overall career progression. I actively participated as a member of the surgical team and learned from the expertise of the attendings. The attendings were excellent mentors and not only did they help guide my learning in a meaningful way, they provided invaluable career advice. I gained experience in both inpatient and outpatient settings. Furthermore, I participated in 24 hour on-call shifts, observed consults from the emergency department and assisted in emergency procedures. We discussed cases, attended trauma multidisciplinary team meetings and journal club with the residents. During my clinical elective, I was able to practice my surgical techniques such as suturing, knot tying and assisted in laparoscopic procedures. In short, this experience truly gave me an idea of a resident's role in the American health care system and encouraged me to pursue a career in general surgery.

MEDICAL STUDENT OVERSEAS RELIEF

Medical Students Overseas Relief (MSOR) is a voluntary society run by UCD medical students to raise funds for hospitals and clinics in the developing world. Every summer since 1974, UCD medical students have travelled to third world countries to assist, voluntarily, in humanitarian medical work. Over the past 37 years, UCD students have gone to over 30 different developing countries in Africa, Asia and South America.

This charitable organisation aims to bring aid to underfunded healthcare institutions in developing countries. This aid is in the form of vital drugs, essential surgical and life-saving equipment, monetary donation and the voluntary work of the medical students. One of the core principles of MSOR is its policy on fund raising - all students must pay for their own travel and accommodation expenses. Hence every penny raised by MSOR goes directly to the hospital and those who need it most.

ucdmedicalsociety.com/msor

UCD VOLUNTEERS OVERSEAS (UCDVO)

UCDVO combines a responsible and ethical approach to international volunteering and development education to create a vibrant active citizenship programme. The programme is structured around a series of development education courses, workshops and events carried out in a non-formal context and also includes four weeks' volunteering overseas or online with one of our partners in India, Tanzania and Uganda.

ucdvo.org

STUDENT SUMMER RESEARCH AWARDS (SSRA)

The Student Summer Research Awards (SSRA) programme is an undergraduate research initiative to support and showcase Undergraduate Research affiliated within the UCD School of Medicine. SSRA is a 5 credit 8-week elective module, which provides an ideal opportunity for undergraduate students to undertake a supervised research project. Each year, many of our students compete for highly-prized international summer elective opportunities at locations all over the world. A long-established feature of our undergraduate programmes, clinical and research electives allow students to develop their knowledge and understanding of issues and themes relevant to their study of medicine, and the opportunity to publish a peer reviewed article.

ucd.ie/medicine/ssra

UCD HORIZONS

Our innovative UCD Horizons programme allows students to tailor their own degree and choose electives from other degrees at the University. As our modular, credit-based system meets international standards, it also makes it much easier if you want to study abroad for part of your degree.

myucd.ie/applying-to-ucd/ucd-horizons/





DR DARREN DOHERTY, CLASS OF 2018, VOLUNTEER PALLIATIVE DOCTOR WITH HOSPICE AFRICA UGANDA

UCD School of Medicine allowed me the opportunity and support to grow as a professional, and as a person, by giving me the chance to see the bigger picture. Like by allowing me to train in far away like Uganda, South Africa, rural Donegal and inner city Dublin.



DR AOIFE BOYLE, CLASS OF 2019, MEDICAL SENIOR HOUSE OFFICER IN THE MATER MISERICORDIAE UNIVERSITY HOSPITAL

I will always look back very fondly at my time in the UCD School of Medicine. As an Ad Astra Academic Scholar, I was lucky enough to be based on campus for my first four years and explore all that it had to offer! In addition to the fantastic core lectures and wide array of elective modules to choose from, I always looked forward to the annual Med-Soc Events such as med-day, med-cup and med-ball, which were great mixers for all those involved! In my pre-clinical years, I also took advantage of the UCD SSRA summer programme to get my first experience of lab-based research. As I progressed to the clinical years, I had the opportunity to travel to America on scholarship and complete sub-internships at the Medical College of Wisconsin and University of Pennsylvania with fellow classmates. These electives, in combination with superb teaching from leading Irish physicians based in the Mater Misericordiae University Hospital and St. Vincent's University Hospital, created an undeniably strong clinical foundation which I continue to build on. Overall, I could not have had a better university experience and am eternally grateful for the wonderful friendships and unique opportunities that the UCD School of Medicine has given me.



TARA FRY, BHLS CLASS OF 2020

Undertaking the Biomedical, Health and Life Sciences degree in UCD was undoubtedly my best life decision. From Metabolism and Nutrition to Anatomy and Pharmacology, BHLS has given me a fantastic springboard for a career in clinical research and disease prevention/ treatment. Within the School of Medicine, you also have the opportunity to complete summer research electives as part of the SSRA programme. Based in UCD, affiliated centres or internationally, the SSRA programme gives you the insightful chance to engage in scientific research supported by a Principal Investigator, enhancing your learning experience. A stand out component of BHLS is the undertaking of a 12 week research project in final year, where I had the opportunity to aid in the completion of a Probiotic clinical trial in the National Maternity Hospital, peaking my interest in Nutrition, Embryology and Obstetrics. Moving to Dublin was daunting at first however with the welcoming team and support provided by the university paired with my friendly and very sociable classmates, Dublin ended up feeling just like home.



OLIVIA PETERSONS, CURRENT GRADUATE ENTRY MEDICINE STUDENT

The School of Medicine International Team is instrumental in the success of students pursuing careers beyond Ireland's borders. Their knowledge regarding North American board exams, electives and residency application processes is comprehensive. They are always willing to hear students' concerns and act with the best interests of international students at heart. They provide endless resources to support students during their time at UCD both academically and professionally. You can be confident knowing that they will tirelessly advocate for you and your career success.



DR CORMAC EVERARD, CLASS OF 2019, MEDICAL DOCTOR (SENIOR HOUSE OFFICER), HEALTH SERVICE EXECUTIVE

I feel incredibly privileged to have attended the School of Medicine at Ireland's Global University. From taking up French in first year to later clinical rotations in Nantes and Paris; delving into One Health with veterinary students on campus to debating public health in Edinburgh and traditional medicine practices in Shanghai; from learning about infectious diseases in the classroom to investigating new approaches to HIV prevention in St Louis and undertaking a tropical disease rotation in Lima, the University's support and network was insurmountable. Equally the fun and friends made at the LGBTQ+ and Film Societies, as well the numerous events around Belfield made campus life highly enjoyable. I am hugely indebted to the mentorship I received from Dr Catherine Godson, the support of the Ad Astra Academy and the incredible Alumni network who make so many opportunities possible.

ACCOMMODATION AT BELFIELD

Ireland's largest university campus, UCD is a vibrant student community with over 3,000 students living in on-campus accommodation just 7km from Dublin City Centre. UCD Residences provides for students a mix of apartments, halls and catered accommodation, and all UCD accommodation is single room and apartment-style.

On-campus residential services include:

- 24-hour support for residents
- On-site maintenance team
- Laundrettes, gym and social spaces
- On-site Residential Assistants and Security

Each location has a team of Residential Assistants who are current students. They work closely with the Service Team to provide out-of-hours services for residents.

The "Res Life" social programme helps to foster a sense of community within the residences. There are games rooms located in three of our residences, and a gym in one of our newest builds. Specially adapted facilities are provided for students with disabilities.

ucd.ie/residences

UCD WOODLAND WALKS

A series of woodland walks comprising over 8km of tree-lined pathways have been developed on our beautiful 133 hectare campus as part of UCD's programme to maintain and enhance the ecological diversity. These walks offer campus residents the opportunity to take a break from studies and get some exercise while surrounded by nature.



Merville Residences in the background

DUBLIN

Dublin is located on Ireland's East Coast, and is served by a large international airport which sees over 30 million passengers pass through annually. With major European capitals just a short flight away, Dublin is an ideal base from which you can easily explore the rest of Europe.

A compact, cosy, yet bustling city, Dublin is easy to navigate and the city centre is within walking distance, or just a short bus ride, from UCD.

No matter where you are in Dublin, you are never too far from the sea. The city sits at the centre of Dublin Bay which stretches from Howth in the north to Dalkey Island in the south. All along the coast you can find fishing harbours, cliff walks, piers and promenades offering fantastic views of the Irish Sea.

County Dublin is bordered by County Wicklow to the south which is home to the Wicklow Mountains National Park where you can explore the great outdoors on your free weekends.



A popular study destination for international students



Dublin is a safe and friendly city



Europe's tech hub



An eventful city



We have an incredible arts and performance scene



Food to cater for everyone's tastes



EMILY NEEDLES, CURRENT GRADUATE ENTRY MEDICINE STAGE 3 STUDENT

Taking the leap and moving to Ireland was one of the best decisions I've ever made. From the people to the school to the city life to the countryside, I've loved every minute I've spent here. I feel so grateful that this is where I can pursue my dream of practicing medicine.

There is always something going on at UCD. I loved living in residence during my first year - it was a great opportunity to meet new people, experience campus events, and explore the city with a group of people who were in the same situation as I was. Plus, the coffee on campus can't be beat.

Before I moved to Dublin, I was apprehensive about what life as an international student would be like. The International Team at the School of Medicine has been so supportive about every aspect of student life - finances, housing, academic support, and the process of matching back to North America

+ OUR PROGRAMMES

MEDICINE

WHY UCD MEDICINE?

As a UCD medical student, you will experience a modern, internationally recognised curriculum that introduces patient contact and clinical skills at an early stage. Our modular programmes combine lectures and seminars from leading academics and practitioners, patient-led learning and clinically based real-world education at Ireland's leading network of acute and specialist teaching hospitals.

You will have opportunities to benefit from a range of integrated international study options, which could take you all over the world, and to immerse yourself in the science of medicine through our acclaimed undergraduate student research programme. All of our programmes are delivered at Ireland's most diverse, student-friendly university.



STUDYING UNDERGRADUATE AND GRADUATE ENTRY MEDICINE AT UCD SCHOOL OF MEDICINE

THERE ARE FOUR THEMES RUNNING THROUGH THE ENTIRETY OF BOTH PROGRAMMES:

1. Evidence-based Medicine and Research
2. Clinical Competencies and Preparedness for Practice
3. Professional Medical Practice
4. Healthcare Systems, Quality and Patient Safety

UNDERGRADUATE ENTRY MEDICINE (UEM)

GRADUATE ENTRY MEDICINE (GEM)

Timing			
YEAR 1	STAGE 1	Basic Science and Thematic Modules	Biomedical & Social Behavioural Sciences Integrated Clinical Strand Early Patient Contact & The Patient Perspective
YEAR 2	STAGE 2	Biomedical Sciences Population Health, Social & Behavioural Sciences Early Patient Contact & The Patient Perspective	Transition to Clinical Learning
YEAR 3	STAGE 3	Transition to Clinical Learning	Immersive Clinical Learning
YEAR 4	STAGE 4	Immersive Clinical Learning	Professional Completion & Preparedness for Practice
YEAR 5 YEAR 6	STAGE 5	Professional Completion & Preparedness for Practice	

MB BCh BAO (HONOURS)

DOCTOR

INTERNSHIP/RESIDENCY

Shape your career with UCD Medicine

Specialise through UCD graduate study

POSTGRADUATE CLINICAL TRAINING:
Medicine, Surgery, Paediatrics, Obstetrics,
Psychiatry, Radiology, Anaesthesia

Family Practitioner
Public Health Doctor
Clinical Research

Master's (Research) & PhD

Translational Research MD, PhD, MSc,
MCh.
Vascular Disease & Diabetes
Infection & Inflammation
Biological Imaging

Continue to develop your professional career with UCD



Studying Medicine at UCD has been an incredibly enjoyable experience for me. I chose UCD because of the excellent facilities here. The six-year programme allows the first year to be a year of gathering yourself and maturing: it's not as heavy on the workload as the other years and so it allows you the time to get involved with societies and sports. With so many supportive academic mentors and unmatched social opportunities, UCD Medicine finds the perfect balance between an excellent education and opportunities outside of this. I never could've imagined the amazing friends I have made being a part of the UCD Medicine community. I feel that my journey to becoming a doctor and my years spent in here are times that I will remember forever.

NED QUIRKE

Current Medicine Student and Auditor of MedSoc

MEDICINE

MB BCh BAO (HONS) (NFQ LEVEL 8)

WHY IS THIS COURSE FOR ME?

Our curriculum is patient-centred and continually adapts to the needs of society and developments in medical knowledge. You will learn from worldclass educators and patients in state-of-the-art facilities, immerse yourself in our acclaimed undergraduate student research programme and benefit from a diverse, international student population.

The main hospitals associated with our programme are St Vincent's University Hospital and the Mater Misericordiae University Hospital. In addition, there are more than 20 other training hospitals and more than 100 primary care practices that will facilitate your learning. You will also benefit from a diverse range of exciting international placement opportunities.

YOUR FIRST YEAR EXPERIENCE

In your first year, you will be introduced to the science of medicine, which underpins our biomedical and clinical curriculum. You will also be introduced to ethical, societal and technological issues relevant to the practice of medicine.

Teaching methods include lectures, small group sessions, practicals and tutorials. Not only can you design your own degree with electives from across UCD, but you will enjoy a student experience that includes over 80 student societies, 60 sports clubs and a state-of-the-art student sports centre.

WHAT WILL I STUDY?

Stage One

Focuses on core sciences and their application to Medicine. Highlights include: Chemistry • Biology • Physics • Genetics • Human Ethics • Healthcare Imaging • Science Medicine & Society

Stage Two

Focuses on the structure and function of healthy organ systems. Highlights include: Anatomy Dissection • Interviewing patients in the community, biomedical sciences and social behavioral sciences and clinical training

Stage Three & Four

Complete the study of organ systems in health and disease. Begin clinical attachments. Highlights include: Pathology • Microbiology • Pharmacology • Neurosciences • Respiratory Diseases

• Clinical Skills and attachments in hospitals • Clinical Diagnosis & Therapeutics • Family Practice and Professionalism • ENT & Ophthalmology.

Stage Five

Immersive clinical attachments, instruction in the various medical specialties, clinical elective and professional completion.

Highlights

include: Opportunity to choose 10 credits from list of options including a research option, international elective, some fully online options including on new drug discovery and COVID-19 medicine in your final year.

The Medicine programme combines lectures, seminars, patient educator sessions, simulations, small group tutorials and clinical bedside learning. For a full course outline, visit www.myucd.ie/courses/medicine.

INTERNATIONAL STUDY OPPORTUNITIES

Our international network offers students exciting opportunities to gain experience overseas. Scholarships are available to support elective periods in clinical and academic centres all over the world.

OPPORTUNITIES FOR RESEARCH

The Student Summer Research programme is an eight-week programme, research opportunity that brings to life our commitment to foster a passion for enquiry, discovery and investigative research for more than 100 students each year.

There is a second opportunity in your final year to do a six-week research project in Ireland or abroad.

CAREER & GRADUATE STUDY OPPORTUNITIES

Graduates of the School have achieved worldwide recognition in clinical practice, research and healthcare leadership. For those wishing to work in Ireland, UCD runs one of the largest intern training networks in the country. Following graduation, you are required to work as a supervised intern for a year by the Irish Medical Council. Requirements for graduates planning to work overseas will differ. This can be followed by training towards a career in a wide variety of specialties and settings including hospitals, primary care facilities, or laboratory-based diagnosis and research.

MEDICINE MDS2



Length of Course: 6 Years

Guideline Entry Requirements

IB- International Baccalaureate Diploma

IB Total 35

Subject Requirements

Maths: 4 at Standard Level

Lab Science: 4 at Standard Level

Cambridge A Level [+ GCSE O Level]

AAA / AABC / AAB + B AS Level

Subject Requirements

Maths: GCSE Grade C

Lab Science: GCSE Grade C

For Irish Leaving Certificate guidance, go to myucd.ie/courses/health-sciences/medicine/

Other Examinations

See www.ucd.ie/global

Students who have previously been unsuccessful in any medicine programme (i.e. have not met academic or other requirements within the programme) or have any issues which would affect their registration with the Irish Medical Council will only be considered for admission on a case-by-case appeal basis in exceptional circumstances, to be considered by the Medicine Programme Board.

Please Note:

Candidates are required to undergo a mandatory healthcare screening process and Garda/Police Vetting. For more information: ucd.ie/medicine/studywithus/undergraduate/medicine/programmerequirements/

Please note that all *IB Maths requirements are under review at time of printing. For the most up to date information, see the Entry Requirements page of the UCD Global website: www.ucd.ie/global*



UCD has provided me with invaluable opportunities to allow me to strive towards my full potential. Having completed my BSc. in Biomedical, Health and Life Sciences in UCD, I was familiar with the innovation, creativity and respect for medical research within the university. I chose UCD to complete my Graduate Entry Medical degree for the quality of its teaching and its associated teaching hospitals; St. Vincent's University Hospital and the Mater Misericordiae University Hospital. I am comforted by the fact that my choice has equipped me with the best possible springboard to begin my career upon graduation.

The supportive atmosphere that is fostered amongst our diverse class helps us all enjoy the stimulating and challenging learning environment located in a thriving international city. The on-campus leisure and sports facilities are our heaven to decompress and forget the world at the beginning or end of a long day! Moreover, opportunities to gain experience both clinically and in the lab through the Summer Student Research Awards programme can direct students towards what inspires them from early on in the course.

CATHERINE O' KEEFFE

Current Graduate Entry Medicine Student and Biomedical Health & Life Sciences graduate

MEDICINE (GRADUATE ENTRY) MB BCH BAO (HONS) (NFQ LEVEL 8)

WHY IS THIS COURSE FOR ME?

UCD Graduate Entry Medicine (GEM) provides an innovative, science-driven and patient-centred curriculum, delivered by world-class educators in state-of-the-art facilities.

The main hospitals associated with our programme are St Vincent's University Hospital and the Mater Misericordiae University Hospital. In addition, there are more than 20 other training hospitals and more than 100 primary care practices that facilitate your learning.

This intensive, focused course is designed for students with an undergraduate degree who wish to pursue a career in medicine.

We deliver basic biomedical, social and behavioral sciences in the context of later clinical learning practice.

WHAT WILL I STUDY?

First & Second Year

In the first trimester, you will take a series of modules that introduce the application of medical science to the study of biological systems and disease, you will also learn the clinical skills needed for the rest of the programme. Alongside lectures and seminars, you will have clinical case-based learning'. The remainder of the first two years integrates the medical science disciplines, while gradually expanding your professional capabilities in a clinical environment.

Third & Fourth Year

In the final two years, hospital and community placements with structured clinical education complete your degree. During your clinical training, you will participate in a series of specialist rotations, including medicine, surgery, psychiatry, obstetrics and paediatrics. Finally, you will undertake our acclaimed Professional Completion module to integrate your knowledge and prepare you for life as an intern.

Learning methods include lectures, small group sessions, practicals and enquiry-based learning in the classroom and at the bedside.

CAREER & GRADUATE STUDY OPPORTUNITIES

Graduates of the School have achieved worldwide recognition in clinical practice, research and healthcare leadership. Upon graduation, you must complete one year as an intern to gain full registration with the Irish Medical Council. You may then pursue training towards a career in a wide variety of specialties, in diverse settings, including hospitals and primary care facilities, or laboratory-based diagnosis and research.

INTERNATIONAL STUDY OPPORTUNITIES

Our international network offers students exciting opportunities to gain experience overseas. Scholarships are available to support elective periods in clinical and academic centres all over the world.

OPPORTUNITIES FOR RESEARCH

Each year, approximately 100 Medicine students undertake an 8-week supervised laboratory, clinical or medical education projects in Ireland or at one of our partner institutions in the Student Summer Research programme. The programme brings to life our commitment to foster a passion for enquiry, discovery and investigative research in our students.

MEDICINE (GRADUATE ENTRY)

MDS9

 Length of Course: 4 Years

General Entry Requirements

The 4-year graduate entry programme is open to applicants who hold or are expected to hold a minimum Upper Second Class Honours degree in any discipline (i.e. U.S. CGPA of 3.0/4.0 or above), or equivalent. Additionally, all applicants are required to submit a current GAMSAT or MCAT score (as an indication, minimum scores required to be eligible to be considered on a competitive basis for entry in September 2021 were 62 for the GAMSAT and 503 for the MCAT).

Although only graduates are eligible to apply for this programme, the Graduate Medicine Degree or the degree from the GEM programme degree is equivalent in standard to the undergraduate Medicine degree.

Students who have previously been unsuccessful in any Medicine programme (i.e. have not met academic or other requirements within the programme) or have any issues which would affect their registration with the Irish Medical Council will only be considered for admission on a case-by-case appeal basis in exceptional circumstances, to be considered by the Medicine Programme Board.

Please Note: Candidates are required to undergo a mandatory healthcare screening process & Garda/Police vetting. For more information: ucd.ie/medicine/studywithus/undergraduate/medicine/programmerequirements/

RADIOGRAPHY

BSc (Hons) (NFQ Level 8) » Radiography

BSc (Hons) (NFQ Level 8) » Radiography (Graduate Entry)

WHY UCD RADIOGRAPHY?

UCD is one of Europe's leading centres of excellence for radiography and diagnostic imaging. You will follow an innovative curriculum that is constantly evolving to meet the needs of modern healthcare. The programmes are delivered in a state-of-the-art, interdisciplinary environment, by expert staff from within the School and throughout our nationwide clinical training network. You will become an integral part of the department team, working alongside radiography colleagues and other health professionals to learn and refine your professional skills.

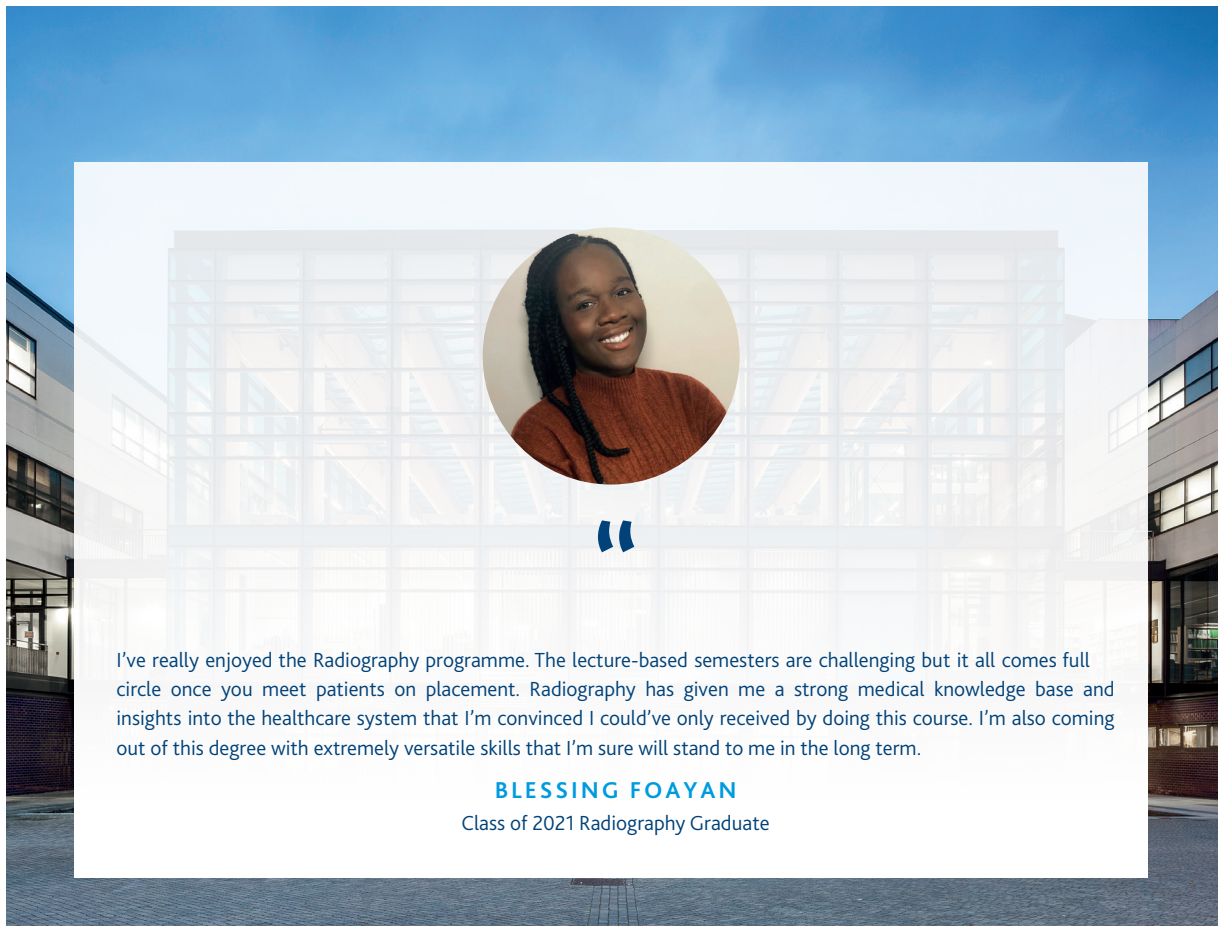
From early in your first year, you will have access to modern imaging and clinical education facilities in UCD's Health Sciences Centre. You will develop knowledge of all aspects of medical imaging and image evaluation, and learn how to care for patients, how to perform examinations and how to provide high levels of radiation protection. Such knowledge and skills will ensure that you have acquired complete professional competence upon graduation.

Both the BSc (Hons) Radiography and Graduate Entry programmes are recognised by CORU, the Irish Health and Social Care Professionals Regulatory Body, as approved programmes.

YOUR FIRST YEAR EXPERIENCE

As a first year Radiography student, you will be introduced to the concepts of radiation science and technology, human anatomy and radiographic techniques. You will experience interdisciplinary teaching and share some modules with Medicine, Physiotherapy and Biomedical, Health & Life Sciences students. You will also have your first patient contact in one of our many affiliated teaching hospitals, gaining hands-on experience of using diagnostic imaging equipment. By the end of the year, you will have a grasp of many basic radiographic techniques and a clear indication of what lies ahead in the programme. These are your first steps on the road to becoming a healthcare professional and an expert in your field.

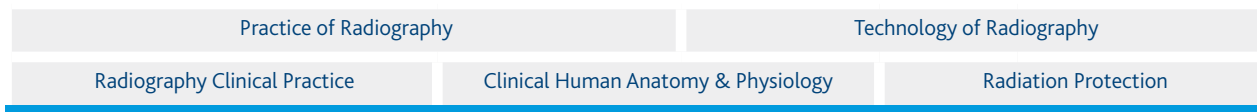
First year also provides you with the opportunity to experience everything university life has to offer.



STUDYING RADIOGRAPHY AT UCD SCHOOL OF MEDICINE

YEAR 1 & 2

ENGAGE WITH THE PRINCIPLES



YEAR 3

REFINE YOUR KNOWLEDGE



YEAR 4

PREPARE FOR PROFESSIONAL PRACTICE



BSC (HONOURS) RADIOGRAPHY OR BSC (HONOURS) DIAGNOSTIC RADIOGRAPHY RADIOGRAPHER

Specialise through UCD graduate study

Taught Graduate Programmes

PROFESSIONAL CERTIFICATES

- Forensic Radiography
- IV Cannulation/Administration
- Radiation Safety
- Non-Accidental Injury
- Intra-Orbital Foreign Body Screening
- Dual Energy X-Ray Absorptiometry
- Paediatric Imaging
- Child Protection

GRADUATE CERTIFICATES

- Fertility Ultrasound
- Interventional Radiography
- Mammography
- Obstetrics Ultrasound
- Paediatric Radiography
- RIS/PACS Management

GRADUATE DIPLOMAS

- Computed Tomography
- Magnetic Resonance Imaging

Master's (Taught & Research) & PhD

THEMES INCLUDE

- Child Welfare & Protection
- Computed Tomography
- Magnetic Resonance Imaging
- Mammography
- Medical Imaging
- Radionuclide/PET Imaging
- Ultrasound

State Registration: CORU Radiographers Registration Board

CORU Continuing Professional Development (CPD) requirements require evidenced activity and a broad range of appropriate CPD is advised for all radiographers on a continuing basis.

Shape your career with UCD Radiography & Diagnostic Imaging

Career Opportunities

- Clinical Specialist Radiographer
- Radiography Services Manager
- Clinical Practice Tutor
- Lecturer
- Researcher
- Applications Specialist

Continue to develop your professional career with UCD...



RADIOGRAPHY

BSc (HONS) (NFQ LEVEL 8)

WHY IS THIS COURSE FOR ME?

Radiographers are responsible for producing high-quality images to assist in the diagnosis and treatment of disease. While radiography is a caring profession, it's also one that requires considerable technological and scientific expertise in both the production of images and the responsible delivery of ionising radiation. If you are interested in science and you want to use your knowledge to care for people, Radiography at UCD may be a perfect fit for you.

Our aim is to prepare graduate radiographers to meet the everyday challenges arising from ongoing advances in diagnostic imaging and healthcare.

WHAT WILL I STUDY?

Throughout this programme you will undertake modules in Technology of Radiography, Practice of Radiography and Clinical Practice of Radiography.

First Year

Anatomy • Practice of Radiography • Technology of Radiography • Clinical Placement • Elective modules

Second Year

Anatomy • Physiology • Practice of Radiography • Technology: RIS/PACS • Image Interpretation • Elective modules • Clinical Placement • Advanced Practice of Radiography • Radiation Protection

Third Year

Computed Tomography • Ultrasound • Introduction to Research • Mechanisms of Disease • Paediatrics • Elective modules

• Clinical Placement • Cross Sectional Anatomy • Interventional Radiology

Fourth Year

Professional Completion • Legal Medicine • Magnetic Resonance Imaging • Nuclear Medicine • Research or Current Issues in Healthcare: Breast Imaging • Systematic Pathology • Erasmus opportunities • Clinical placement

Learning methods include lectures, small group tutorials, interactive demonstrations, virtual reality simulation and hands-on clinical learning at UCD and via our nationwide hospital network.

Assessment methods include practical skills-based exams, image-based tests, continuous assessment, report writing and oral presentations.

Professional Work Experience

Radiography will first be demonstrated in UCD's own imaging facilities, before you progress to performing examinations on patients. Teaching hospitals also participate in your training and you will work alongside radiography colleagues to learn and refine your professional skills. You will undertake in excess of 1,200 hours of hospital based training over the course of the degree programme in one of our 18 clinical training centres across Ireland.

CAREER & GRADUATE STUDY OPPORTUNITIES

Diagnostic imaging is a growth area in Ireland and internationally. All graduates in the past five years have obtained employment as radiographers. As well as the traditional hospital-based career, some radiographers are employed as applications or sales specialists.

An increasing number of graduates are now undertaking PhD studies. Diagnostic imaging offers successful graduates exciting opportunities to pursue research and/or to develop specialist clinical skills.

INTERNATIONAL STUDY OPPORTUNITIES

Erasmus opportunities exist in fourth year, where you may spend a three-month period in one of our current partner institutions in Austria, Belgium, Finland, Greece, the Netherlands, Norway, Malta, Portugal, Slovenia, Sweden and the UK. Further elective opportunities, including to the USA, are available at various stages within the programme.

RADIOGRAPHY MDS4

 Length of Course: 4 Years

General Entry Requirements

IB- International Baccalaureate Diploma

IB Total 36

Subject Requirements

Maths: 4 at Standard Level

Lab Science: 4 at Standard Level

Cambridge A Level [+ GCSE O Level]

A*AA / AAAD / AAA + D AS Level Subject

Requirements

Maths: GCSE Grade C

Lab Science: GCSE Grade C

For Irish Leaving Certificate guidance, go to myucd.ie/courses/health-sciences/radiography

Other Examinations

See www.ucd.ie/global

International Foundation Year

Yes. See www.ucdisc.com

Please note:

Candidates are required to undergo a mandatory healthcare screening process & Garda/Police vetting. For more information: ucd.ie/medicine/studywithus/undergraduate/medicine/programmerequirements/

Please note that all *IB Maths requirements are under review at time of printing. For the most up to date information, see the Entry Requirements page of the UCD Global website: www.ucd.ie/global*



UCD is a leading centre of excellence for Radiography. This made my decision to study here very easy. The course is challenging but certainly manageable. The lecturers are approachable, supportive and are always willing to help with any areas that you may find challenging. Clinical placement has provided opportunities to apply the theory learned in class into practice, while develop the skills and clinical competencies required for full professional accreditation. Overall, the course is rewarding and I am excited to continue developing my skills to become a highly competent practitioner who can make a real contribution to healthcare services.

EMILY GERAGHTY

Graduate Entry Radiography Student

DIAGNOSTIC RADIOGRAPHY (GRADUATE ENTRY) BSc (HONS) (NFQ LEVEL 8)

WHY IS THIS COURSE FOR ME?

This accelerated radiography training programme has been developed to allow graduates from a wide variety of academic backgrounds to study with us. The content of the accelerated radiography programme supports a robust learning of basic sciences and incorporates a wide range of radiography training that has been developed with respect to requirements for radiography training as published by CORU, the Health and Social Care Professions Regulator, and by the Irish Institute of Radiography and Radiation Therapy.

Students will be taught by our dedicated team of over 25 lecturers and clinical training will be enhanced by the inclusion of our new 'state of the art' virtual reality training equipment and our X-ray suite facilities on site, in UCD.

WHAT WILL I STUDY?

Throughout this programme you will undertake modules in Technology of Radiography, Practice of Radiography and Clinical Practice of Radiography.

First Year

Anatomy • Physiology • Practice of Radiography • Technology of Radiography
• Radiology IT systems • Evidence Based Practice

Second Year

Radiation Protection • Paediatric Radiography • Computed Tomography
• Ultrasound • Magnetic Resonance Imaging • Nuclear Medicine • Mechanisms of Disease • Image interpretation • Mechanisms of Disease • Advanced Practice of Radiography • Clinical Placement

Third Year (one trimester)

Systematic Pathology • Professional Completion • Legal Medicine • Clinical Placement

Learning methods include lectures, small group tutorials, interactive demonstrations, hands-on clinical learning at UCD and across our clinical network, and enquiry-based learning in the classroom and in the clinical departments.

Assessment methods include practical skills-based exams, image-based assessments, continuous assessment, report writing, oral presentations, and written examinations.

Professional Work Experience

Radiography will first be demonstrated in UCD's own imaging facilities, before you progress to performing examinations on patients. Teaching hospitals also participate in your training and you will work alongside radiography colleagues to learn and refine your professional skills. Early clinical exposure, in your first trimester, will help ensure that you are professionally, and patient focused early in your studies. You will undertake 1,200 hours of hospital-based training over the course of the programme.

CAREER & GRADUATE STUDY OPPORTUNITIES

Diagnostic imaging is a growth area in Ireland and internationally. All graduates in the past five years have obtained employment as radiographers. As well as the traditional hospital-based career, some radiographers are employed as applications or sales specialists.

An increasing number of graduates are now undertaking PhD studies. Diagnostic imaging offers successful graduates exciting opportunities to pursue research and/or to develop specialist clinical skills.

INTERNATIONAL STUDY OPPORTUNITIES

There will be the possibility for students to undertake international elective opportunities at various stages within the programme.

RADIOGRAPHY MDSJ

 Length of Course: 2.5 Years

General Entry Requirements

The 2.5 year graduate entry programme is open to applicants who hold a minimum Lower Second Class Honours degree in any discipline (NFQ Level 8), or equivalent.*

Subject Requirements

A Science background is required with a minimum level equivalent* to IB Standard Level 4 or GCSE Grade C

Applicants should include the following documents for consideration with their application:

1. A copy of your transcript and evidence of your degree award. You may also be requested to supply a full syllabus to facilitate a decision.
2. Evidence of having completed appropriate research activity within their primary degree.
3. A Personal Statement explaining your reasons for wishing to undertake a Radiography degree, how this degree will contribute to your plans for the future and anything else relevant to your application.
4. References (three letters of recommendation: academic, work experience and one other).

For further information please see:

<https://www.myucd.ie/courses/health-sciences/radiography-graduate-entry/>

*For grade equivalences contact internationaladmissions@ucd.ie

Please note: Candidates are required to undergo a mandatory healthcare screening process & Garda/Police Vetting. For more information: ucd.ie/medicine/studywithus/undergraduate/medicine/programmerequirements/



I have made many positive memories during my time in the Biomedical, Health and Life Sciences programme. While the course was challenging at times, I always felt supported and loved the attachments I formed with my classmates. The School of Medicine offered a wide range of study topics, from basic laboratory research skills to complex medical knowledge. I found this variety incredibly engaging. Outside of class I was also never bored, with events happening at every corner of the campus. Moreover I loved the ability to choose electives and broaden my scope of study with things like languages and leadership skills, which I would not have been able to study in a biomedical degree outside of UCD. One elective which I particularly enjoyed was the SSRA programme, which allowed me to work with School of Medicine researchers and write my own research paper during an 8 week summer period. It was an invaluable experience with skills I can take with me into a future career in biomedical science.

MARTA GESZCZAK

Current Biomedical Health and Life Sciences Student

BIOMEDICAL, HEALTH & LIFE SCIENCES BSc (HONS) (NFQ LEVEL 8)

WHY IS THIS COURSE FOR ME?

This course will appeal to those with a keen interest in science and in how research and technology can impact on human health. You will learn how scientifically driven investigations can advance our knowledge of disease prevention, detection and treatment. The programme will immerse you in modern medical and biological sciences and focus on the application of scientific developments. The flexible, modular structure of this degree allows you to specialise in the areas of investigative biomedical science that interest you, particularly in the later stages of the degree.

WHAT WILL I STUDY?

First Year

You will take modules in:

Clinical Human Anatomy • Translational Research • Basic Tissues & Early Development • Genetics Cell Biology

You will also start to learn about translational research and the influence of science and medicine on society.

Second & Third Year

You will continue with modules in Cell Biology, Biochemistry, Pharmacology and Physiology. You will also start to integrate modules focusing on specific diseases and disease processes, in order to learn more about the development of new, more effective means of diagnosing, treating and preventing illness

Supporting modules include:

Biostatistics • Neuroscience • Laboratory Skills • Cardiac/Vascular Biology • Pharmacology/Biochemistry • Renal Biology • Bioinformatics Genetics & Proteomics • Mechanisms of disease • Endocrine, Renal & Reproductive Pharmacology • Central Nervous System Diseases

Fourth Year

You will build skills in biomedical research through interactions and research rotations with international researchers in a range of disease areas. These are undertaken within the School of Medicine and its affiliated teaching hospitals.

The degree will develop your fundamental knowledge in the translation of scientific discovery into clinical utilisation.

You will take modules in:

Cloning, Gene Therapy & Stem Cells
• Advanced Neurochemistry • Drug Discovery & Development • Clinical Biomarkers • Genetics, Disease & Behaviour

You will have the opportunity to be involved in peer-reviewed abstracts and publications and to present at national and international meetings.

You will experience an innovative mix of learning methods, including lectures, small group tutorials, research projects and laboratory-based learning.

Assessment methods include end-of-trimester exams, continuous assessment, report writing and oral presentations.

CAREER & GRADUATE STUDY OPPORTUNITIES

Typically, graduates will follow scientific careers in biomedical research, undertaking MSc and PhD higher degrees. They also have a high success rate for entry to the GEM (Graduate Entry Medicine) programme and pursue opportunities in the pharmaceutical and biotechnology industries, as well as other areas allied to health.

BIOMEDICAL, HEALTH & LIFE SCIENCES BHS1

 Length of Course: 4 Years

General Entry Requirements

IB- International Baccalaureate Diploma

IB Total 38

Subject Requirements

Maths: 4 at Standard Level

Lab Science: 4 at Standard Level

Cambridge A Level [+ GCSE O Level]

A*A*B / AAAB / A*AA + D AS Level

Subject Requirements

Maths: GCSE Grade C

Lab Science: GCSE Grade C

For Irish Leaving Certificate guidance, go to myucd.ie/courses/health-sciences/biomedical-life-health-sciences/

Other Examinations

See www.ucd.ie/global

International Foundation Year

Yes. See www.ucdisc.com

Please Note:

Candidates are required to undergo a mandatory healthcare screening process.

Please note that all *IB Maths requirements are under review at time of printing. For the most up to date information, see the Entry Requirements page of the UCD Global website: www.ucd.ie/global*

SAMPLE PATHWAY FOR A DEGREE IN BSC. BIOMEDICAL HEALTH AND LIFE SCIENCES

	Autumn Trimester		Spring Trimester
Stage 1	Clinical Human Anatomy I	→	Clinical Human Anatomy II
CORE	Basic Tissues and Early Development	→	Basis of Organic and Biological Chemistry
	Basic Principles of Cell Biology	→	Science, Medicine and Society
	Physics in Medicine I	→	Basic Principles of Genetics
	Translational Research	→	Physics II Medical Science
OPTIONS	Introductory Chemistry		
	The Molecular World		
Stage 2	Biomolecular Science	→	Biochemistry in Action
CORE	Biomolecular Lab Skills 1	→	Biomolecular Lab Skills 2
	Molecular Genetics and Biotech	→	Pharmacology: Biomedical Science
	Data Modelling for Science		
OPTIONS	Chemistry for Biology	→	Nutritional Energy Metabolism
	Chemistry for Macronutrients	→	Vascular Biology
	Gastrointestinal Tract and Liver Biology	→	Principles of Neuroscience
	Endocrine Biology	→	Respiratory Physiology
	Cell-Cell Communications		
			Renal Biology
			Principles of Microbiology
			Cardiac Biology
Stage 3	Bioinformatics	→	Drug Action in Body Systems II
CORE	Disease Mechanisms & Pharmacol	→	Introduction to Research
	Cell Signalling		
OPTIONS	Stem Cells in Medicine	→	Biochemist's Toolkit
	GI / Hepatobiliary Diseases	→	Genomics and Proteomics
	Chemotherapeutic Agents	→	Genetic Basis of Disease Biologists
	CNS Diseases	→	Endocrine Physiology
	Control of Vascular Resistance	→	Experimental Physiology
			Medical Imaging
			Programming for Biologists
			Medical Microbiology
Stage 4	Journal and Ethical Review		
CORE	Research Project: BSc. Biomed		
OPTIONS	Clinical Biomarkers	→	Advanced Cell Signalling
	Advanced Cardiovascular pharmacology	→	Advanced Neurochemistry
			Advanced Pharmacology of Cancer
			Gene Regulation
			Model Organism Genetics
			Human Genetics & Disease
			Genetics, Perinatal and Paediatric Diseases
			Personalized Medicine
			Emerging Therapies
			Drug Discovery and Development I
			Advanced Renal Pharmacology
			Drug Discovery and Development II
			Medical Imaging





Studying medicine in UCD has been most enjoyable and rewarding. The state-of-the-art facilities and a splendid library for medical students helped enhance my academic experience. Campus life is also great in UCD. I had participated in many societies and sports clubs which had greatly enriched my student life. I had the opportunity to undertake two summer research projects, which eventually led me to the decision of undertaking an Intercolated MSc. The School of Medicine provides an excellent platform for students to be involved in research, and also offers funding to those who are keen in doing research.

CHIA YIN GOH

Current RUMC Programme Student

STUDYING MEDICINE AT RUMC (THE ROYAL COLLEGE OF SURGEONS IN IRELAND AND UNIVERSITY COLLEGE DUBLIN MALAYSIA CAMPUS)

ABOUT RUMC

Originally established in 1996 as Penang Medical College, the RCSI and UCD Malaysia Campus is a foreign branch campus of both University College Dublin and The Royal College of Surgeons in Ireland. To date, RUMC has graduated more than 2000 medical doctors who are practising in various countries around the world, such as Malaysia, Ireland, the UK, the US, Australia, Canada, New Zealand and Singapore. Consistent with Malaysian government policy, RUMC recruitment includes approximately 25% international students.

COURSE OVERVIEW

RUMC students follow the same curriculum and graduate with the same degrees as full duration RCSI and UCD graduates. The RUMC programme is recognised by the Irish and Malaysian Medical Councils allowing graduates to register with both following completion of housemanship. The RUMC Degree is also recognised by the ECFMG for practice in the USA and by the Canadian Medical Council for practice in Canada. Academic departments at RUMC are led by internationally renowned medical specialists from Ireland, Malaysia, Canada, New Zealand and Australia and are supported by full-time, adjunct and visiting lecturers from RCSI and UCD.

THE RUMC MEDICAL PROGRAMME

The 5-year medical programme comprises 2.5 years in Dublin and 2.5 years in Penang. In the earlier years there is a strong focus on systems-based biomedical science coupled with appropriate patient contact and clinical skills training. RUMC students undertake the Dublin part of their course

alongside Irish and international students and become fully immersed in the Irish medical education experience.

There is increasing emphasis on clinical medicine as the course progresses. The clinical training takes place mainly in the RUMC campus and its teaching hospitals including clinical attachments in Medicine and Surgery, Primary Care, Obstetrics and Gynaecology, Paediatrics and Psychiatry. In addition, all students complete an integrated clinical programme to include Anaesthesiology, Ophthalmology, Ear/Nose and Throat, Legal Medicine, Public Health Medicine and Radiology.

To ensure that the clinical curriculum in Penang is of a comparable standard to Dublin and to ensure medical education meets the highest international standards all three institutions share the same team of international external examiners.

Academic staff from Dublin and international guest lecturers also contribute to the clinical programme in RUMC.

FOUNDATION YEAR

A small number of students may be required to do a foundation (pre-medical) year which can be undertaken in Penang or Dublin and which is designed to provide appropriate knowledge for students to enter a five-year medical course.

A small number of students, usually those with less science background, will take a foundation (pre-medical) year which can be undertaken in Penang or Dublin. This is Stage 1 of the UCD Programme.

IRISH INTERNSHIPS

RUMC graduates receive the MB BCh BAO degrees conferred by the National University of Ireland (NUI) which are recognised for internship in Ireland. It is a One-Year programme and regulated by the Health Services Executive (HSE). Graduates who wish to apply for this internship are required to sit for the Intern Employment Eligibility Assessment (IEEA) to measure their understanding of the Irish health service. A number of RUMC graduates are currently doing their internships and practising Medicine in Ireland.

USMLE

RUMC graduates who wish to practise abroad may also apply for the Residency programme in the United States. For this, graduates are required to pass the three-step examination known as the United States Medical Licensing Examination (USMLE). Preparation for USMLE begins when students are in Medical School. RUMC also has several notable alumni pursuing their careers in Medicine in the USA.

YEAR	STAGE	SEMESTER 1	SEMESTER 2
Foundation	Stage 1	Penang or Dublin	Penang or Dublin
1	Stage 2	Dublin	Dublin
2	Stage 3	Dublin	Dublin
3	Stage 4	Dublin	Penang
4 & 5		Penang	Penang

For a full course
outline please visit:
www.rcsiucd.edu.my



Having come into UCD with no other certainty bar loving biology, SCU1 Science really was a great option. I am now a Physiology graduate and am so glad I chose this subject. I believe the level of academic teaching is outstanding and I loved learning how various systems of the body works, including the heart, lungs and kidneys. My final year project was based on the inflammatory responses of spinal cord injury. UCD opened a whirlwind of opportunities for me. I was a Student Ambassador and Science Student Leader and I have acted as a Peer Mentor as well as serving on student society committees. I also spent two summers volunteering in Tanzania with UCD Volunteers Overseas.

CELINE CAMON,

Physiology Graduate, Class of 2019, pursuing a PhD

PHYSIOLOGY (ENTRY VIA SCIENCE) BSC (HONS) (NFQ LEVEL 8)

WHY IS THIS COURSE FOR ME?

Physiology is an area of biology related to how the human body works. Physiologists are interested in how the cells and organs of the body operate and how their incredible array of processes co-operate to enable our bodies to function under normal and challenging circumstances. Physiologists are, therefore, at the forefront of medical research and the search for a better understanding of disease processes.

At UCD, Physiology students acquire a thorough understanding of the organs of the body, such as the heart, lungs, kidneys, and how they function, interact and respond to the internal and external environment.

WHAT WILL I STUDY?

This is a sample pathway for a degree in Physiology. Topics include neurophysiology, metabolic biochemistry, membrane biology, respiratory physiology and cardiovascular physiology.

First Year

Biology • Chemistry • Physics • Mathematics • Optional Science modules • Elective module

Second Year

Physiology • + 2 other Science subjects • Elective modules

Third Year

Physiology • Elective modules

Fourth Year

Physiology (includes a research project in a laboratory setting).

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

Assessment varies with each module but may comprise continuous assessment of practicals, written exams and online learning activities.

CAREER & GRADUATE STUDY OPPORTUNITIES

Physiology graduates go on to establish careers in the following areas:

Biomedical research in the university system or other government-run operations

Pharmaceutical industry-based research and development

Clinical trials

Pharmaceutical industry sales

Physiology graduates regularly gain places on graduate-entry Medicine and other allied healthcare degree courses. UCD provides opportunities for graduate physiological research at the Master's or PhD level. Research into basic physiological mechanisms takes place but the research focus is on translational research, i.e. the research that enhances our understanding of human disease that leads to advances in the improvement of human health.

INTERNATIONAL STUDY OPPORTUNITIES

Physiology students have spent time studying at the following universities:

San Jose State University, USA

University of Queensland, Australia..

SCIENCE SCU1

 Length of Course: 4 Years

Guideline Entry Requirements

IB- International Baccalaureate Diploma

IB Total 29

Subject Requirements

Maths: 4 at Higher Level / 6 at Standard Level.

Lab Science: 4 at Higher Level /

6 at Standard Level

Cambridge A Level [+ GCSE O Level]

ABB / BBBB / BBB + D AS Level Subject

Requirements

Maths: A Level Grade D / GCSE Grade A

Lab Science: A Level Grade D / GCSE Grade A

For Irish Leaving Certificate guidance, go to myucd.ie/courses/science/physiology/

Other Examinations

See www.ucd.ie/global

International Foundation Year

Yes. See www.ucdisc.com

Please note that all *IB Maths requirements are under review at time of printing. For the most up to date information, see the Entry Requirements page of the UCD Global website: www.ucd.ie/global*



SAMPLE PATHWAY FOR A DEGREE IN PHYSIOLOGY

Year 1 ENGAGE WITH THE PRINCIPLES	BIOLOGICAL, BIOMEDICAL AND BIOMOLECULAR SCIENCES			ELECTIVES
	Cell Biology & Genetics	Calculus for Science	Introductory Chemistry	→ Two Elective modules
	Organic Chemistry & Chemical Biology	Scientific Enquiry	Foundations of Physics	
		Fundamentals of Biology		
Year 2 CHOOSE YOUR SUBJECTS	PHYSIOLOGY	BIOMOLECULAR SCIENCE	SCIENCE	ELECTIVES
	Cell & Tissue Physiology	Biomolecular Lab Skills 1	Chemistry for Biology	→ Two Elective modules
	Organ & System Physiology	Molecular Genetics and Biotech	Foundations of Physics	
		Biomolecular Sciences		
Year 3 FOCUS ON YOUR CHOSEN SUBJECT	PHYSIOLOGY			ELECTIVES
	Cardiovascular System	Endocrine/Reproductive Physiology	Respiratory Physiology	→ Two Elective modules
	Biostatistics	Digestion, Absorption and Excretion	The Brain and Motor Control	
	Experimental Physiology			
	Membrane Biology		Optional Summer Research Project (End of Stage 3)	
Year 4 REFINE YOUR KNOWLEDGE	PHYSIOLOGY			
	Gastrointestinal Physiology	Physiological Genomics	Physiology Research Project	Fundamentals of Physiological Research
	Adaptation to Hypoxia	Lung Function Under Stress	Haemostasis & Thrombosis	
	Control of Vascular Resistance	Physiology of Disease		

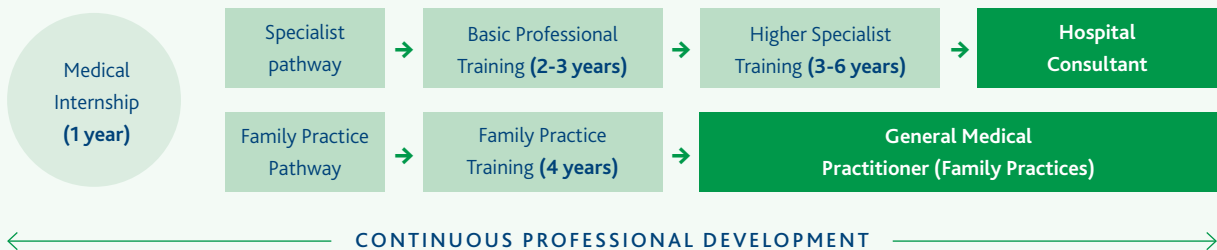
+ CAREERS AND PROFESSIONAL DEVELOPMENT

CAREER PATHWAYS

MEDICINE

Undergraduate Entry Medicine (6 YEARS)

Graduate Entry Medicine (4 YEARS)



RADIOGRAPHY

BSc Radiography (Graduate Entry) (2.5 YEARS)

BSc Radiography (4 YEARS)



SCIENCE

BSc Biomedical, Health & Life Sciences (4 YEARS)



GRADUATE AND CONTINUOUS PROFESSIONAL DEVELOPMENT

At graduate level, the School offers an extensive portfolio of programme options for healthcare professionals; ranging from specialist CPD modules through to full and part-time MSc programmes.

Diagnostic Imaging

Master of Science (MSc) Magnetic Resonance Imaging
Master of Science (MSc) Computed Tomography
Master of Science (MSc) Medical Imaging
Master of Science (MSc) Ultrasound
Graduate Diploma Magnetic Resonance Imaging
Graduate Diploma Computed Tomography
Graduate Certificate Obstetric Ultrasound
Graduate Certificate Fertility Ultrasound
Graduate Certificate Radiology Information Systems & Picture Archiving
Communications Systems Management
Graduate Certificate Paediatric Radiography
Graduate Certificate Interventional Imaging and Practice
Professional Certificate Non-Accidental Injury
Professional Certificate IV Cannulation & Administration
Professional Certificate Forensic Radiography
Professional Certificate Radiation Safety
Professional Certificate Intra Orbital Foreign Body Screening
Professional Certificate Dual Energy X-Ray Absorptiometry

Healthcare Informatics

Master of Science (MSc) Healthcare Informatics
Graduate Diploma Healthcare Informatics

Biomedical Sciences

Master of Science (MSc) Clinical & Diagnostic Biochemistry
Master of Science (MSc) Experimental Physiology

Primary Care

Master of Science (MSc) Primary Care (Orthopaedics & Musculoskeletal Medicine)
Master of Science (MSc) Primary Care (Mental Health Medicine)

Medicine & Medical Specialties

Master of Science (MSc) Clinical & Translational Research
Graduate Certificate Clinical & Translational Research
Graduate Certificate Clinical Trials (Online)
Professional Certificate Clinical Dermatology

Risk Management & Quality

Master of Science (MSc) Healthcare (Risk Management & Quality)
Graduate Diploma Healthcare (Risk Management & Quality)
Professional Certificate Medico-Legal Aspects of Healthcare

Emergency Medical Science

Master of Science (MSc) EMS Immediate Care
Master of Science (MSc) EMS Advanced Paramedic
Graduate Diploma Emergency Medical Science

Psychotherapy, Mental Health & Wellbeing

Master of Science (MSc) Psychoanalytic Psychotherapy
Master of Science (MSc) Group Analytic Psychotherapy
Master of Science (MSc) Child Art Psychotherapy
Master of Science (MSc) Systemic Psychotherapy
Higher Diploma Psychotherapy Studies
Graduate Diploma Child Welfare & Protection
Professional Diploma Child Welfare & Protection
Graduate Certificate Child Welfare & Protection
Master of Science (MSc) Child Welfare & Protection
Professional Certificate Child Welfare in the Clinical Environment
Professional Certificate Legal Responsibilities in Child Protection

NORTH AMERICAN RESIDENCY MATCHING

USA National Resident Matching Programme (NRMP)

The National Residency Match Program® (NRMP®) runs the annual Residency Match which pairs IMG residency applicants with residency and fellowship programmes. The Residency Match uses "rank order lists" submitted by both applicants and residency program directors to determine how applicants and programs should be partnered. Following your residency interviews, you will rank residency programs in order of preference.

Canadian Resident Matching Service (CaRMS)

Canadians who have trained in medical schools outside Canada and the US can compete for and obtain medical residency positions in Canada. Medical residency positions are very limited, so use our resources for the best chance at success. Candidates for medical residency are matched to universities through an electronic service called CaRMS (the Canadian Resident Matching Service). To access the match and be successfully selected for a medical residency position, you need to establish eligibility at several points.

+ ADMISSIONS

FOR DETAILED INFORMATION ON ENTRY REQUIREMENTS FOR EACH PROGRAMME AND HOW TO APPLY, GO TO UCD.IE/MEDICINE OR EMAIL STUDY.MEDICINE@UCD.IE

MEDICINE

NORTH AMERICAN CANDIDATES

The Atlantic Bridge Program

e: admissions@atlanticbridge.com

w: www.atlanticbridge.com

MALAYSIAN CANDIDATES

IUMC (Malaysia Office)

e: office@iumcireland.com

w: www.iumcireland.com

RSCI-UCD MALAYSIA CAMPUS

Admissions Office

4 Jalan Sepoy Lines,

10450 George Town,

Penang, Malaysia.

t: General Enquiries: +604-217 1999

t: Programme Enquiries: +604-217 1888

e: enquiry@rcsiucd.edu.my

w: www.rcsiucd.edu.my

UCD GLOBAL CENTRES

AMERICAS REGIONAL TEAM

t: +1 646 690 9025 (Eastern Time)

e: northamerica@ucd.ie

ASIA PACIFIC REGIONAL TEAM

t: +60 3 2715 1662

e: southeastasia@ucd.ie / eastasia@ucd.ie

CHINA REGIONAL TEAM

t: +86 10 8531 7370

e: chinaoffice@ucd.ie

MIDDLE EAST AND NORTH AFRICA REGIONAL TEAM

t: +97 145898204

e: dubai@ucd.ie

REST OF WORLD TEAM

t: +353 1 716 8571

e: internationaladmissions@ucd.ie

SOUTH ASIA REGIONAL TEAM

t: +91-0124-4696626 / 6655

e: india@ucd.ie

+ CONTACT US

✉ study.medicine@ucd.ie

🖱 www.ucd.ie/medicine

🐦 UCDMedicine

f MedicineUCD

📺 UCD Medicine

in UCD School of Medicine

📷 ucdschoolofmedicine

MEDICINE PROGRAMME TEAM

✉ [Connector Form Link](#)



📞 +353 1716 6686

INTERNATIONAL MEDICINE TEAM

✉ International.medicine@ucd.ie

📞 +353 1716 6388

BIOMEDICAL HEALTH AND LIFE SCIENCES PROGRAMME TEAM

✉ bhls@ucd.ie

📞 +353 1716 6633 / 6606

PHYSIOLOGY PROGRAMME TEAM

✉ physiology@ucd.ie

📞 +353 1716 6633 / 6606

RADIOGRAPHY PROGRAMME TEAM

✉ diagnostic.imaging@ucd.ie

📞 +353 1716 6546



UCD School of Medicine
Scoil an Leighis UCD

UCD School of Medicine
Health Sciences Centre
University College Dublin 4, Ireland
☎ +353 1 716 6686/6652
✉ study.medicine@ucd.ie
bhls@ucd.ie
diagnostic.imaging@ucd.ie

🌐 www.ucd.ie/medicine
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