UCD School of Medicine
www.ucd.ie/medicine
UNDERGRADUATE COURSES
2020/21
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 post-graduate 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 program.

Dr. Méabh O’Hare (Class of 2012, Fellow in Neurology, Harvard Medical School)
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The two clinical sites where you will spend the majority of your time rotating are MMUH and SVUH. Here you will receive training from world class doctors who are shaping the way we practice modern medicine. This training, allied to the ample opportunities provided by UCD to complete international electives, make for a first class educational experience.

Dr. Jack McHugh
(Class of 2018, Resident in the Mayo Clinic, USA)
UCD School of Medicine

UCD School of Medicine is proud of its 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, the School offers six highly competitive programmes in Medicine (undergraduate and graduate entry), Biomedical Health & Life Science, Radiography (undergraduate and graduate entry), and Physiology. At graduate level, the School delivers a portfolio of more than 60 Masters, Diploma and Certificate courses for hospital doctors, general practitioners, radiographers, scientists, healthcare managers and practitioners.

The 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 graduates, including the former President of University College Dublin, a President of Ireland and Presidents of the Medical Council, have reached leadership positions in Ireland and overseas.

Our student population comprises more than 60 nationalities, and international students now account for one-third 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.

Our courses are delivered by national and international experts to more than 1,800 undergraduate and 600 graduate students, but despite the scale of our operations, we place community, friendship and student support at the centre of our educational philosophy.

We are driven not just by the desire to provide our students with the best possible 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
“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. Darren Doherty
(Class of 2018, St. Vincent Hospital, Dublin)

Why study with us?

EDUCATIONAL QUALITY

Our educational programmes are innovative, student-centred and subject to continual best practice review.

They are accredited 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), and Federation of State Medical Boards (FSMB).
INTERNATIONAL STUDY OPTIONS
Our students benefit from a range of highly-prized international research and clinical elective opportunities. Our well-developed global partnerships and affiliations provide exciting opportunities for students to study across Europe, in the US, Canada, Malaysia, Singapore, Australia, the Middle East and many more counties.

MODERN, INTEGRATED CURRICULUM
Students at UCD experience an integrated curriculum that introduces patient contact and clinical skills at an early stage. Our programmes combine lectures, seminars, case studies, patient educator sessions, simulations and clinical-based ‘real-world’ learning. Our innovative UCD Horizons programme allows students to tailor their own degree and choose electives from any part of the university.

NATIONWIDE CLINICAL CAMPUS
Our students do their general medical and surgical training at Ireland’s largest and busiest acute hospitals, St Vincent’s University Hospital and Mater Misericordiae University Hospital. Students rotate through Ireland’s leading paediatric, maternity and specialist hospitals. The School also has a community-based network of approximately 200 primary care practices. Our radiography students have a unique opportunity to undertake placements across Ireland’s largest diagnostic imaging clinical training network.

SUPERB STUDENT EXPERIENCE
University life is a healthy balance between work and play. Your academic workload will be demanding, but we also want you to experience the full spectrum of life at Ireland’s most diverse, student-friendly university. When you choose UCD, you choose an unrivalled network of more than 100 student societies, 60 sports clubs, and a suite of excellent student facilities that includes a new €50 million sports and fitness complex.

STUDENT RESEARCH OPPORTUNITIES
Scientific enquiry is at the core of all of our programmes. We encourage our students to participate in our annual student research module. This provides invaluable experience in investigative medical science, consistent with our ambition to produce exceptional healthcare practitioners, who are life-long learners and world-class medical researchers.

INTERNATIONAL DIVERSITY
Our diverse student body comprises more than 55 nationalities, with international students accounting for one third of our total student cohort. That diversity is one of the defining features of student life at UCD. Our students work, train and socialise in a genuinely multi-cultural environment; an experience that we believe to be critical in the development of truly world-class doctors and healthcare practitioners.
Medicine
(Undergraduate Entry)

COURSE FEATURES
Modern, modularised curriculum
Early patient contact & patient-centred learning
Multiple opportunities to travel
Ireland’s most extensive clinical training network
Taught by internationally renowned academic & clinical experts

COURSE OVERVIEW
From your first day in the dissection lab to the start of your clinical training, student life at UCD Medicine is a stimulating, diverse and vibrant experience. When you choose Medicine at UCD, you choose early patient contact, a world-class curriculum and an unrivalled calendar of social and extra-curricular activities.

We believe passionately in training doctors who see the world through the eyes of the patient, and you will interact with and learn from patients throughout your time at UCD. You’ll shadow GPs, learn from patient educators and train at Ireland’s most extensive network of teaching hospitals.

STUDENT OVERVIEW
“Clinical attachments have been the most enjoyable aspect of my medical degree, as this is where we put theory to practice, and gain a deeper understanding of patient care. We gain experience in a wide variety of specialist teaching hospitals around Dublin, and I was fortunate to complement this core clinical training with elective placements abroad in Austria, New Zealand and the USA.

Though the course is challenging, there is still time to get involved with UCD’s student societies and sports clubs in the early years. The School of Medicine also offers a wide range of extra-curricular opportunities for students, ranging from supervised research projects to inter-disciplinary summer schools abroad.”
Sinead Mulroy UCD Ad Astra Scholar, Student

CAREER OPTIONS
Hospital-based specialist practice
General practice
Translational Clinical Research
Healthcare policy
For more visit www.ucd.ie/medicine
# Year Overview

**YEAR 1**
The basic sciences as applied to medicine are an extremely important component of the medicine programme at UCD. They are the foundation of the biomedical science and clinical modules taken later in the course and form more than half of your first year programme. In addition, you will engage with ethical, societal and technological issues pertinent to the practice of medicine and take optional modules from across the University.

**YEAR 1 HIGHLIGHTS INCLUDE:**
- Medical physics
- General, inorganic and organic chemistry for medicine
- Cell biology and genetics

**YEAR 2**
The first semester introduces the medical sciences of anatomy, biochemistry and physiology and includes anatomy dissection and small group teaching to support these disciplines. You will also learn about health care informatics and professional practice alongside our general practice team. The second semester continues a systems-based approach to learning medical science and incorporates personal and population health.

**YEAR 2 HIGHLIGHTS INCLUDE:**
- Dissection room learning
- Small group teaching
- Patient educator programme
- Patient care in the community

**YEAR 3**
You will complete your study of healthy body systems and you will start to develop your professional clinical skills. You will study the medical sciences of pathology, microbiology and pharmacology, and hone your professional clinical skills through interaction with patients and clinicians. At the end of year three, many students undertake a research module in our labs at one of our affiliated hospitals, charity partners or international affiliates.

**YEAR 3 HIGHLIGHTS INCLUDE:**
- Understanding disability
- Application of genetics
- Principles of infection

**YEAR 4**
In year four, you will complete your study of organ systems and disease. Semester 2 of Stage Four provides core clinical skills training and a supported transition from Belfield-based teaching to our clinical network. During this time you will progress from the clinical skills lab to non-acute clinical sites to the main teaching hospitals, fully preparing you for in depth study of clinical medicine.

**YEAR 4 HIGHLIGHTS INCLUDE:**
- Completion of medical sciences
- Professional clinical practice
- Psychological, child and maternal health
- Consolidation of key clinical and communication skills
- Therapeutic basis of medicine

**YEAR 5**
By now, you will be fully immersed within our clinical training network and in both hospital and community placements. You will study clinical medicine, surgery and the specialties of psychiatry, paediatrics, obstetrics & gynaecology, and general practice. You will learn from patients and our large, expert faculty. Clinical tuition is patient-centred and is largely carried out through small group sessions at the bedside.

**YEAR 5 HIGHLIGHTS INCLUDE:**
- Medicine
- Surgery
- Forensic & legal medicine

**YEAR 6**
In year six, you will complete your rotation through modular clinical specialties. You will also take a clinical elective (in Ireland or overseas), and undertake our intensive, acclaimed professional completion module. This 'capstone' module integrates knowledge acquired over previous years, preparing you for medical practice.

**YEAR 6 HIGHLIGHTS INCLUDE:**
- Paediatrics *
- Obstetrics & gynaecology *
- Intern shadowing

*Sample rotation

For a full course outline please visit [www.ucd.ie/medicine](http://www.ucd.ie/medicine)
Medicine
(Graduate Entry)

COURSE FEATURES
Modern, modularised curriculum
Early and continual patient contact
Multiple opportunities to travel
Ireland’s most extensive clinical training network
Taught by internationally renowned academic & clinical experts

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

Learning methods include lectures, small group sessions, practicals and enquiry-based learning in the classroom and at the bedside. This intensive, focused course is designed for students with an undergraduate degree who wish to pursue a career in medicine.

STUDENT TESTIMONIAL
“I completed a BSc in Neuroscience. As I wanted to work clinically, I applied for Graduate Entry Medicine. I knew the facilities and academic staff in UCD were excellent, so I put UCD GEM as my number 1. The GEM programme is a compact but comprehensive course and is open to students from all backgrounds; many of my class came from non-science degrees. 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 Naomi Smith Graduate

CAREER OPTIONS
Hospital medicine
General practice
Translational research
Health care policy
For more visit www.ucd.ie/medicine
## Year Overview

### YEAR 1

The GEM programme begins with a series of biomedical, clinical and professional modules designed to bring students with diverse backgrounds to a common level of knowledge. The second half of this academic year moves from introductory material to in-depth applied medical sciences, and includes clinically integrated case based learning & patient contact, heavily rooted in clinical demonstration.

**YEAR 1 HIGHLIGHTS INCLUDE:**
- Patient educator sessions
- Patient-centred practice
- Anatomy, physiology, pathology and therapeutics
- General practice visits
- Clinical skills laboratory sessions
- Problem-based learning

### YEAR 2

The first half of year two is dedicated to completing systems-based learning in health and disease, before moving into the clinically orientated second semester. The year continues with an advanced clinical skills course, based in our major teaching hospitals, which transitions and prepares you for the fully clinical phase of the curriculum.

**YEAR 2 HIGHLIGHTS INCLUDE:**
- Continued clinical skills and general practice based sessions
- Anatomy, physiology, pathology and therapeutics of gastrointestinal, endocrine, genitourinary and nervous systems
- Understanding disability module
- Psychological medicine, child and maternal health
- Advanced clinical skills

### YEAR 3

In year three, you will be fully immersed within our clinical training network and in the community. You will undertake modular programmes in prescribed specialties. You will study clinical medicine, surgery and the specialties of psychiatry, paediatrics, obstetrics & gynaecology, and general practice. You will learn from patients and our large, expert faculty. Clinical tuition is patient-centred and is largely carried out through small group sessions at the bedside.

**YEAR 3 HIGHLIGHTS INCLUDE:**
- Medicine
- Surgery
- Forensic & legal medicine
- Psychiatry *
- Medicine in the community *

### YEAR 4

In year four, you will complete your rotation through modular clinical specialties. You will also take a clinical elective (in Ireland or overseas), and undertake our intensive, acclaimed professional completion module.

**YEAR 4 HIGHLIGHTS INCLUDE:**
- Paediatrics*
- Obstetrics & gynaecology *
- Intern shadowing
- Professional completion
- Public health medicine
- Clinical elective

*Sample rotation

For a full course outline please visit [www.ucd.ie/medicine](http://www.ucd.ie/medicine)
Medicine at RUMC
(The Royal College of Surgeons in Ireland and University College Dublin Malaysia Campus)

COURSE FEATURES
- Foreign branch campus of UCD & RCSI
- Irish Medical Education delivered in Dublin & Penang
- Internationally Recognised NUI Degree (National University of Ireland)
- Taught by internationally renowned academic & clinical experts
- Outstanding worldwide career prospects
- Highly Cost Effective Tuition

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.

ABOUT RUMC
Originally established in 1996 as Penang Medical College, the RCSI-UCD Malaysia Campus is a foreign branch campus of both University College Dublin and Royal College of Surgeons in Ireland. To date RUMC has graduated over 1700 doctors who are practicing in Malaysia, Singapore, Brunei, Ireland, UK, Malta, Australia, New Zealand, USA etc. Consistent with Malaysian government policy, RUMC recruitment includes approximately 25% international students.

STUDENT TESTIMONIAL
“I enjoyed the wide variety of courses available here. I got to learn new things other than Medicine such as Calculus and all sorts of different languages. One of the things I really love about UCD is the wonderful studying facilities. From computer rooms, printing services, to discussion rooms, the UCD Library is definitely my favourite study spot.”
- Nabila Sheikh Ismail (Class of 2019)
### 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.

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<tr>
<th>YEAR</th>
<th>SEMESTER 1</th>
<th>SEMESTER 2</th>
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<tr>
<td>1</td>
<td>DUBLIN</td>
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<td>DUBLIN</td>
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<td>3</td>
<td>DUBLIN</td>
<td>PENANG</td>
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<td>4</td>
<td>PENANG</td>
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<td>5</td>
<td>PENANG</td>
<td>PENANG</td>
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</tbody>
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### Why study in Malaysia?

- English widely spoken
- Highly cost effective tuition and low cost of living
- A beautiful and diverse country
- A multicultural, harmonious, warm and friendly population
- Gateway to other locations in South Asia such as Thailand, Indonesia, Borneo and Vietnam
- Penang, the ‘Pearl of the Orient’ and home of RUMC, is a gastronomic and festival paradise
- Penang’s capital, George Town, is a UNESCO World Cultural Heritage Site

### Why study in Dublin?

- English speaking country
- Worldwide reputation for high-quality education
- Beautiful scenery, combining contemporary modern cities with unspoiled countryside
- Dublin is the 8th friendliest city in the world (Condé Nast Traveller 2018)
- Warm welcome to international students
- Safety - Ireland ranked as the 10th safest country in the world (Global Peace Index 2018)
- Offers a wealth of social and cultural activities
- Gateway to many EU cities such as London, Paris and Rome

For a full course outline please visit [www.rcsiucd.edu.my](http://www.rcsiucd.edu.my)
Biomedical, Health & Life Sciences
Science, Research, Technology & Human Health

COURSE FEATURES
Innovative, research-driven curriculum
Delivered by experienced, expert staff
Small class groups
Opportunity to tailor programme to suit your area of interest
Excellent career opportunities

COURSE OVERVIEW
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.

STUDENT OVERVIEW
“Biomedical Health and 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 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!”

Phoebe Ting Student

CAREER OPTIONS
Translational research
Drug development & clinical trials
Biotechnology sector
Graduate Entry Medicine
<table>
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<tr>
<th>YEAR</th>
<th>Overview</th>
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<tbody>
<tr>
<td>1</td>
<td>In year one, you will begin to deepen your knowledge of the fundamental concepts of biomedical science. You will also be introduced to principles of translational research and will learn about the influence of science and medicine on society.</td>
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<tr>
<td>2</td>
<td>During year two, you will continue with modules in cell biology, biochemistry, pharmacology and physiology. You will also now 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.</td>
</tr>
<tr>
<td>3</td>
<td>In year three you will continue with modules in cell biology, biochemistry, pharmacology and physiology. You will learn more about specific diseases and disease processes and will be introduced to research.</td>
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<td>4</td>
<td>You will build skills in biomedical research through a research project with internationally recognised researchers in a range of disease areas, undertaken within the School and its affiliated teaching hospitals as well as opportunities to travel abroad to undertake a project. The degree will develop your fundamental knowledge in the translation of scientific discovery into clinical utilisation.</td>
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For a full course outline please visit [www.ucd.ie/medicine](http://www.ucd.ie/medicine)
Radiography

Unique Blend of Caring and Technological Expertise

COURSE FEATURES
Innovative, technology-driven curriculum
Delivered by experienced, expert staff
Opportunities to travel
Ireland’s most extensive clinical network
State-of-the-art imaging and clinical facilities
Excellent career opportunities

COURSE OVERVIEW
Radiography is a caring profession that also calls for considerable technological expertise. A career in Radiography involves working with state-of-the-art technology across many imaging modalities, with patient diagnosis, treatment and care at its core.

As a student of Radiography at UCD, you will follow a curriculum that is innovative and constantly evolving to meet the needs of modern healthcare. The programme is delivered by experienced and enthusiastic academic staff within the School and our clinical training network. In addition excellent opportunities for international clinical and research placements exist within the degree programme. The BSc Radiography is approved by CORU, the regulator for Health and Social Care Professions.

STUDENT OVERVIEW
“Course content is delivered through a multitude of teaching methods, such as lectures, tutorials and computer-aided learning. Due to the relatively small class sizes, students can engage with lecturers and a strong emphasis is also placed on the development of practical skills. Students will spend time training in hospitals to improve the knowledge and skills required to care for patients.”
- Maria Malone

CAREER OPTIONS
Clinical Radiographer
Medical Imaging Applications Specialist
Further study leads to specialisation in (for example):
- Magnetic resonance imaging
- Computed tomography
- Ultrasound
Full list: www.ucd.ie/medicine
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<th>YEAR</th>
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<tbody>
<tr>
<td>1</td>
<td>In year one, you are introduced to the fundamental concepts of radiation science and technology, human anatomy and radiographic techniques. You will also interact with patients at one of our teaching hospitals.</td>
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<tr>
<td>2</td>
<td>Next you will develop and refine your scientific knowledge, undertake physiology modules and build your expertise with regard to radiographic equipment and examination. You will undertake a 6 week block of clinical education in the summer trimester.</td>
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<td>3</td>
<td>In year three, you will deepen your knowledge of radiographic technique. It is at this point that the study of pathology begins. It is also the year at which Computed Tomography and ultrasound are taught in detail. You will also be introduced to the research process and paediatric radiography. A 12 week placement block takes place in the autumn trimester.</td>
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<tr>
<td>4</td>
<td>The study of pathology is integrated with and underpins a critical approach to imaging techniques and radiographic image evaluation. Students will choose a 10 credit option pathway related either to research or to breast imaging / current issues in healthcare. Magnetic Resonance Imaging and nuclear medicine will also be covered. There is an option to select an international study pathway as part of the Erasmus programme in the spring trimester, which is then followed by a final 7 week placement block prior to graduation. A 14 week placement block occurs in semester 2.</td>
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</table>

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

For a full course outline please visit [www.ucd.ie/medicine](http://www.ucd.ie/medicine)
Radiography
(Graduate Entry)

COURSE FEATURES
Innovative, technology-driven curriculum
Delivered by experienced, expert staff
Virtual reality radiography training
Ireland’s most extensive clinical network
State-of-the-art imaging and clinical facilities
Excellent career opportunities

STUDENT OVERVIEW
“...I found my first year in Radiography to be one of the most interesting, challenging and enjoyable experiences of my life to date. I had the advantage of being in a small class where everyone knows one another, and having great lecturers who make our subjects interesting and are always willing to help. As well as lectures and labs, we undertook clinical work placement in the university hospitals. During this time, we practised what we’d learnt, while gaining hands-on experience working under the supervision and mentorship of our clinical tutors. I found this practical reinforcement of knowledge helpful and also very rewarding as I could see the relevance and importance of everything I was learning.”

- Emily Doyle, UCD Ad Astra Performing Arts Scholar, graduated 2015.

COURSE OVERVIEW
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 which 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.

CAREER OPTIONS
Clinical Radiographer
Medical Imaging Applications Specialist
Further study leads to specialisation in (for example):
- Magnetic resonance imaging
- Computed tomography
- Ultrasound
Full list: www.ucd.ie/medicine
### Year Overview

| YEAR 1 | In year one, you are introduced to the fundamental concepts of radiation science and technology, human anatomy, human physiology, and radiographic equipment, and techniques. You will explore the importance of evidence-based practice and you will also interact with patients while on clinical placement as early as your first trimester. You will undertake over 10 weeks of clinical placement across your first year in the programme. |
| YEAR 2 | In year two, you will deepen your knowledge of radiographic techniques. You will also study paediatric radiography and study specialist imaging modalities including computed tomography (CT), magnetic resonance imaging (MRI), nuclear medicine, ultrasound, and interventional radiology. At this point that the study of human pathology also begins. The study of pathology is integrated with and underpins a critical approach to imaging techniques and radiographic image evaluation. Again, a series of clinical placements will take place throughout the academic year and during the summer. |
| YEAR 3 | In year three, which is a single trimester in duration, you will complete your study of disease process and pathology, will undertake your capstone, professional completion module, and will undertake further clinical placements in preparation for your future career as a radiographer. |

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

For a full course outline please visit [www.ucd.ie/medicine](http://www.ucd.ie/medicine)
Physiology
(via Science Entry)

COURSE FEATURES
Modern, innovative curriculum
New state-of-the-art learning environment
Multiple opportunities to travel
Small class sizes
Suitable as launchpad into Graduate Entry Medicine, Graduate Entry to Veterinary Medicine and Graduate Entry to Physiotherapy.

COURSE OVERVIEW
Physiology is an area of biology that is focused on investigating how cells and organs of the body operate and how their incredible array of processes co-operates 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 components of the body and how it senses and responds to the internal and external environments.

STUDENT OVERVIEW
“This programme offers such great opportunities to its students, and a fantastic hands-on learning experience. As part of the degree programme, students spend a semester completing a research project. In addition to experiencing first-hand what research can entail, you also learn essential lab skills. I feel current research in Physiology is a hugely exciting area.”
- Sarah Kierans

CAREER OPTIONS
Biomedical research
Pharma-based research
Clinical trials
Graduate Entry Medicine
Sample Pathway for a Degree in Physiology

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<tr>
<th>YEAR</th>
<th>ENGAGE WITH THE PRINCIPLES</th>
<th>BIOLOGICAL, BIOMEDICAL AND BIOMOLECULAR SCIENCES</th>
<th>ELECTIVES</th>
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<td>1</td>
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<td>• Cell Biology &amp; Genetics</td>
<td>• Two Elective modules</td>
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<td>• Organic Chemistry &amp; Chemical Biology</td>
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<td>• Calculus for Science</td>
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<td>• Fundamentals of Biology</td>
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<td>• Foundations of Physics</td>
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<tr>
<th>YEAR</th>
<th>CHOOSE YOUR SUBJECTS</th>
<th>PHYSIOLOGY</th>
<th>BIOMOLECULAR SCIENCE</th>
<th>SCIENCE</th>
<th>ELECTIVES</th>
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<tr>
<td>2</td>
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<td>• Cell &amp; Tissue Physiology</td>
<td>• Biomolecular Lab Skills 1</td>
<td>• Chemistry for Biology</td>
<td>• Two Elective modules</td>
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<td>• Organ &amp; System Physiology</td>
<td>• Molecular Genetics and Biotech</td>
<td>• Foundations of Physics</td>
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<tr>
<td></td>
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<td>• Biomolecular Sciences</td>
<td>• Biomolecular Sciences</td>
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<th>FOCUS ON YOUR CHOSEN SUBJECT</th>
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<tbody>
<tr>
<td>3</td>
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<td>• Cardiovascular System</td>
<td>• Two Elective modules</td>
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<td></td>
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<td>• Biostatistics</td>
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<td></td>
<td></td>
<td>• Experimental Physiology</td>
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<td></td>
<td></td>
<td>• Membrane Biology</td>
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<td></td>
<td>• Endocrine/Reproductive Physiology</td>
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<td>• Digestion, Absorption and Excretion</td>
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<tr>
<td></td>
<td></td>
<td>• Respiratory Physiology</td>
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<td></td>
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<td>• Higher Cortical Function</td>
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<th>REFINISH YOUR KNOWLEDGE</th>
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<td>4</td>
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<td>• Gastrointestinal Physiology</td>
<td>• Fundamentals of Physiological Research</td>
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<td>• Adaptation to Hypoxia</td>
<td>• Optional Summer Research Project (End of Stage 3)</td>
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<tr>
<td></td>
<td></td>
<td>• Control of Vascular Resistance</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• Physiological Genomics</td>
<td></td>
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<td></td>
<td></td>
<td>• Lung Function Under Stress</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Physiology of Disease</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Physiology Research Project</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Haemostasis &amp; Thrombosis</td>
<td></td>
</tr>
</tbody>
</table>

Students of Physiology enter via the UCD Science (DN200) pathway.
For more information on this pathway, please visit [https://myucd.ucd.ie](https://myucd.ucd.ie)
Ireland’s Global Medical School

Each year, our students compete for highly prized international clinical and research elective opportunities at our international partner institutions. Students also benefit from the experience of working, living and studying within a different healthcare system, at many of the world’s most prestigious medical centres. Many look to apply their knowledge by volunteering in Africa and in developing countries.

- Baylor College of Medicine, Houston, Texas, USA
- Cleveland Clinic, Ohio, USA
- Dana Farber Cancer Institute, Harvard University, Boston, USA
- Dartmouth College, Hanover, New Hampshire, USA
- Duke University, Durham, North California, USA
- Emory Healthcare, Emory University, Atlanta, Georgia, USA
- Fudan University, Shanghai, China
- Harvard Medical School, Boston, Massachusetts, USA
- Hospice Africa, Uganda
- Hospital for Sick Children, Toronto, Canada
- Hospital for Special Surgery, New York, USA
- Korea University, Seoul, South Korea
- Lankenau Medical Centre, Pennsylvania, USA
- Lund University, Lund, Sweden
- Mayo Clinic, Rochester, Minnesota, USA
- McGill University, Montreal, Quebec, Canada
- McMaster University, Hamilton, Ontario, Canada
- Medical College of Wisconsin, Milwaukee, Wisconsin, USA
- National University of Singapore, Singapore
- RSCI UCD Malaysia Campus, Penang, Malaysia
- Quinnipiac University, Hamden, USA
- Royal University Hospital, University of Saskatchewan, Canada
- Shenzhen University, Shenzhen, Guangdong, China
- State University of New York, Buffalo, New York, USA
- Stony Brook University, Stony Brook, New York, USA
- University of Basel, Basel, Switzerland
- University of British Columbia, Vancouver, Canada
- University of California at Davis, Sacramento, California, USA
- University of California, Los Angeles, California, 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
- University of Manitoba, Winnipeg, Manitoba, Canada
- University of Pennsylvania, Philadelphia, Pennsylvania, USA
- University of Pittsburgh, Pennsylvania, USA
- University of Queensland, Brisbane, Australia
- University of South Alabama, Alabama, USA
- University of Sydney, New South Wales, Australia
- University of Toronto, Ontario, Canada
- University of Western Ontario, Ontario, Canada
- University of Wisconsin, Madison, Wisconsin, USA
- Virginia Commonwealth University, Richmond, Virginia, USA
- Washington University, St Louis, Missouri, USA
Global Graduate Destinations

We are proud that UCD alumni work in leading clinical and research institutions across the world. Every year our graduates secure places in highly competitive residency/internship programmes in Europe, North America, Malaysia, Singapore and elsewhere.

Recent UCD Medicine Graduates have been accepted to training programmes including (but not limited to):

**Australia**
- Alfred Health, Melbourne, Victoria
- Monash Health, Victoria
- Northern Hospital, Melbourne, 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

**United States of America**
- Advocate Health Care, Illinois
- Barnes-Jewish Hospital, Missouri
- Baylor College of Medicine, Houston, Texas
- Beth Israel Deaconess Medical Center, Boston, Massachusetts
- Blake Medical Center, Bradenton, Florida
- Columbia University, New York
- Emory University, Atlanta, Georgia
- Hospital of the University of Pennsylvania, Philadelphia
- John F. Kennedy Medical Center, Edison, New Jersey
- Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts
- Mayo Clinic School of Graduate Medicine Education, Minnesota
- Michigan State University (Women’s HealthCare), Lansing, Michigan
- NYU Langone Health, New York
- St. Luke’s Hospital, Mount Sinai Health System, New York City
- Stanford International Residency Training Programme, Stanford, California
- University of Louisville School of Medicine, Kentucky
- University of California, Los Angeles, California
- Waterbury Hospital, Waterbury, Connecticut

**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

**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
Learning environment

When you choose to study at UCD School of Medicine, you choose a world-class, student-focused learning environment.

Our students experience a modern multi-disciplinary academic environment and a clinical training network that includes Ireland’s leading acute, specialist and general hospitals and a nationwide primary care network.

Located in the UCD Science District on the Belfield campus, the UCD Health Sciences Centre is home to students of radiography, medical science, nursing and physiotherapy.

The Centre also encompasses the UCD Health Sciences Library and the Medical Bureau of Road Safety. The Health Sciences Centre is connected to both UCD Conway Institute for Biomolecular and Biomedical Research and the UCD Charles Institute of Dermatology.

Completed in 2007, this 16,000m² building 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.

Campus environment

Over 23,000 students and academics explore and learn in the creative and collegial environment of UCD’s Belfield campus. This attractive, leafy 320 acre campus hosts a unique mix of academic facilities, research institutes, libraries and archival collections, enterprise facilities, student villages, and sports and recreational facilities within a short distance of Dublin’s city centre.

Thanks to the UCD horizons programme, students are free to select modules from throughout the university, and thus experience the full spectrum of the learning environment at Ireland’s largest and most diverse university. To explore our campus, visit www.ucd.ie/medicine

Specialist facilities include:

• Clinical skills laboratory and simulated clinical environments
• Anatomical dissection facility
• Anatomy and pathology specimen library
• 120 seat computer aided learning suite
• Multidisciplinary biomedical teaching laboratory
• More than 1300m² of wet and dry research spaces providing more than 200 research work stations
• Radiography suite with full digital radiography, simulation and associated dosimetric capabilities’
• Suite of ultrasound simulators and clinical scanners with Ireland’s only radiology image perception lab
• PACS laboratory and research space, LAN and web accessible
UCD Clinical Training Network

The School has developed an extensive clinical training network in partnership with acute, specialist and general hospitals and the primary care sector. UCD Clinical Training Network includes:

### Medicine & Radiography teaching centres

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

### Radiography teaching centres

- Hermitage Medical Clinic
- Letterkenny General Hospital
- Beaumont Hospital
- Dublin Blackrock Clinic
- Connolly Hospital Blanchardstown
- Cork University Hospital
- Our Lady of Lourdes Hospital Drogheda
- University Hospital Galway
- Mayo University Hospital
- Mid-Western Regional Hospital, Limerick
- Naas General Hospital
- St James’s Hospital, Dublin
- Sligo University Hospital

### UCD Primary Care Network

A nationwide network of approximately 200 general practitioners and primary care centres coordinated through the UCD Primary Care group.
STUDENT TESTIMONIAL

“Having discovered a love for cardiac pathology and the biochemical cascades of anaesthesia, I chose to undertake my Masters in Clinical Pharmacology, examining the effects of a particular family of anaesthetic agents on the muscle of the heart. This work introduced me to the world of clinical research, along with teaching me the values of personal time management.”

- Cathal Tobin O’Brien
The School has a large and dynamic research portfolio extending from *in silico* bioinformatics, molecular laboratory investigations of disease to clinical research evaluating new therapeutic strategies.

**STUDENT RESEARCH**

Scientific knowledge is at the core of all our programmes. Our mission is to create life-long learners who are motivated by a desire to add to the body of scientific knowledge through enquiry, discovery and investigation.

The School ensures that students are provided with multiple opportunities to undertake independent or structured research as part of or in addition to normal programme coursework. These initiatives include:

- Undergraduate student research programme
- International research and clinical elective scheme
- Intercalated research masters in medical science

UCD School of Medicine is committed to producing not just world-class healthcare professionals, but also innovative and highly-skilled researchers and investigators.

Each year, students from our five courses are competitively selected to participate in a supervised laboratory, clinical or patient-centred educational research project designed to develop key scientific and communications skills.

Projects are typically carried out under the supervision of academics and researchers within and affiliated to the School and also with approved charity and patient advocate partners. For more information on the programme, visit [www.ucd.ie/medicine/ssra](http://www.ucd.ie/medicine/ssra)

**RESEARCH ENVIRONMENT**

The School aims to create an environment which supports world class translational research by providing excellent laboratory and clinical facilities resourced with expert support staff that includes post-doctoral fellows, research nurses, laboratory technicians, data managers and administrative staff.

Our students and staff have access to over 15,000 m² of modern research laboratory space within the UCD Health Science Centre, the UCD Charles Institute of Dermatology, UCD Clinical Research Centre, and UCD Conway Institute. These facilities are in addition to undergraduate teaching laboratories and support teams which pursue fundamental biomedical research.

As a part of our Summer Student Research Awards initiative, students have recently undertaken international research projects at facilities worldwide, including:

- Dana Farber Cancer Institute, Boston, USA
- The Hospital for Sick Children, Toronto, Canada
- Simon Fraser University, Canada
- University of Pennsylvania, USA
- University of California, Davis, USA
- Emory University, Atlanta, Georgia, USA
- Washington University St Louis, USA
- Nanyang Technological University, Singapore
- Penang General Hospital, Malaysia
- Peterborough Regional Health Centre Canada
- University Hospitals Bristol NHS Foundation Trust
- St Joseph Care Group Ontario, Canada
- University of Calgary, Canada
- University of Missouri, Columbia, USA

**Research IN NUMBERS**

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<thead>
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<th>Category</th>
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<td>Principal Research Investigators</td>
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<tr>
<td>Post-Doctoral Research Fellows</td>
<td>75+</td>
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<tr>
<td>Research Nurses, Data Managers and Laboratory Scientists</td>
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<tr>
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<td>Active Research Projects</td>
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<td>Approximate research income per annum</td>
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<td>peer reviewed publications per annum</td>
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</table>
A WORLD-CLASS STUDENT EXPERIENCE

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.

Our philosophy is based on a healthy balance between work and play. Your academic experience will be rigorous and demanding, but we also want you to immerse yourself fully in life at Ireland’s most diverse, student-friendly university. As a doctor, radiographer or biomedical scientist, you will quickly learn the importance of work-life balance, and the skills you develop in maintaining a busy agenda will serve you well throughout your career.

HEALTHY MINDS NEED HEALTHY BODIES

At UCD, our network of sports clubs has something for everyone. From soccer to surfing, from karate to kite-surfing, we offer an unrivalled menu of pursuits, guaranteed to get your pulse racing.

When you choose life at UCD, you choose an unrivalled network of more than 100 student societies, 60 sports clubs, and a suite of excellent student facilities that includes a new €50 million sports and fitness complex.

The new UCD Student Centre is home to Ireland’s third Olympic-specification swimming pool, a tournament-grade debating chamber, a dance studio with a floating floor, a 150-piece gym, a cinema, radio station and a student theatre.

AN UNRIVALED NETWORK OF SOCIETIES

Life at UCD also offers students the opportunity to dive deep into our network of societies. We encourage our students to explore their interests, make new friends and learn new skills. You can hone your powers of persuasion and ratchet up the rhetoric at the UCD Literary and Historical Society, indulge your passion for cinema at the UCD Film Society or bring the house down as a member of the Comedy Society.

As part of a busy, balanced and rewarding extra-curricular agenda, we encourage our students to volunteer their services in a way that benefits people, patients and society. MedSoc, one of the University’s most established student societies, is heavily involved in raising much needed funds for charity. It raises over €20,000 annually for various medical charities and also coordinates a fantastic array of social and sporting events throughout term time. MedSoc, winner of UCD society of the year 2017/18, also coordinates a fantastic array of social and sporting events throughout term time.
THE NORTH-AMERICAN IRISH MEDICAL STUDENTS ASSOCIATION (NIMSA)
The North-American Irish Medical Students Association (NIMSA) is a student-run organization for anyone interested in acquiring a residency spot in Canada or the United States. The primary focus of NIMSA is to inform students of the various challenges and obstacles they face in securing a residency position in North America, such as board exams, interviews, electives, and research. NIMSA also organizes social events, an all-Ireland sports day, and volunteer activities in the community, so students can get the most out of their medical school experience.

UCD VOLUNTEERS OVERSEAS (UCDVO)
UCDVO was established in response to an expressed desire among students to engage in voluntary work abroad. Since its inception, UCDVO has extended its activities in India, Haiti, Nicaragua, Tanzania and Uganda and now employs two full time staff to coordinate its activities. To date, 1157 volunteers have engaged in environmental, educational, healthcare, construction and computer training projects in disadvantaged communities’ overseas. The work is undertaken in close cooperation with local communities. The majority of volunteers are undergraduate UCD students, but UCD staff and alumni have also volunteered.

A team of medicine, nursing and physiotherapy students and practitioners volunteered to support staff and patients at Kisizi Hospital in Uganda for the month of August 2014.

STUDENT TESTIMONIAL
“My UCD experience has been fantastic. I have received a first class education thanks to high quality teaching and support from my lecturers as well as access to excellent facilities. Outside of medicine there are countless extracurricular activities available to students. I am passionate about music and as an Ad Astra Scholar I have performed as soloist with the UCD Symphony Orchestra and UCD Choral Scholars. During my degree, I toured Canada, USA and across Europe with these ensembles, proudly representing UCD on the international stage. UCD Medicine is known for its unique sense of community and I am lucky to be surrounded by classmates that I know will continue to be supportive colleagues and lifelong friends.”

- Eithne Nic an Riogha

To find out more about student life at UCD School of Medicine, visit www.ucd.ie/medicine
Student Support

Our courses are delivered to more than 1,800 undergraduate and 600 graduate students, but despite the scale of our operations, we place community, friendship and student support at the centre of our educational approach. UCD provides students with a multi-faceted support network on a range of issues, including academic, pastoral, personal and practical matters.

UCD MEDICINE PROGRAMME OFFICE
The UCD Medicine Programme Office provides a comprehensive range of supports for students of UCD School of Medicine. From registration, through to your conferring, the Programme Office is dedicated to ensuring that you get the most from your time at UCD. Our dedicated, student-focused team acts as the first port-of-call for a range of procedures and supports including: registration, elective choices, timetabling, programme requirements, recognition for prior learning, assessment and progression.

STUDENTS WITH DISABILITIES
UCD Disability Support Service (DSS) provides support for students with disabilities. The DSS provides a range of supports including help with academic matters, personal support and social/event services.

MEDICINE INTERNATIONAL TEAM
School of Medicine International Team leads the School’s International strategy and provides support and advice to students, academic staff and other parties regarding School/University global partnerships, mobility programmes and other related matters. The Team is committed to support unique international queries and provide dedicated support and advice to our international students across all of our medicine programme.

We are also the first point of contact for prospective international students regarding admission, School and UCD campus visits. On behalf of the School, the Team coordinates its formal international activities and liaises with International Ambassadors, Education Attaches, recruitment agents and global partners.

STUDENT ADVISERS
Our students are also supported by a dedicated and experienced Student Adviser, who helps students adjust to life in Dublin and UCD and assists with problems and issues as they arise.

PEER MENTORING
A peer mentor is assigned to all first year students. Peer mentors help incoming students to settle into university life, act as orientation guides and assist with student-related questions and queries.

HEALTH CARE
The UCD Student Health Service provides on-campus medical, psychological and psychiatric care to registered UCD students. The service is provided with an ethos of respect, courtesy and integrity and operates to the highest professional standards.

INTERNATIONAL STUDENTS
The UCD Global Office offers a wide range of support services to both international students and to Irish students who wish to study abroad on exchange programmes. International students make up 13% of the UCD population, which is represented by over 110 countries. Studying at UCD means joining a diverse student community! Facilities include the new UCD Global Lounge; a friendly and relaxed social space for students, and a dedicated venue for seminars, receptions, talks and other international events.

USEFUL CONTACTS

UCD MEDICINE PROGRAMME OFFICE
W: www.ucd.ie/medicine
E: healthscience@ucd.ie
T: +353 1 716 6686 / 6652

UCD DIAGNOSTIC IMAGING PROGRAMME OFFICE
W: www.ucd.ie/medicine
E: diagnostic.imaging@ucd.ie
T: +353 1 716 6546

UCD MEDICINE INTERNATIONAL OFFICE
W: www.ucd.ie/medicine
E: international.medicine@ucd.ie
T: +353 1 716 6556

UCD GLOBAL
W: www.ucd.ie/global
T: +353 1 716 8500

STUDENT ADVISER
Kathleen Kiely
W: www.ucd.ie/advisers
E: kathleen.kiely@ucd.ie
T: +353 1 716 6681

UCD ACCESS CENTRE
W: www.ucd.ie/openingworlds
E: accesscentre@ucd.ie
T: +353 1 716 7565
For details on Dublin transport visit www.transportforireland.ie
Life in Dublin

Dublin is one of Europe’s oldest cities and has a long history of academic excellence. A vibrant and multi-cultural city, it was recently voted as the world’s 8th best city in which to study: www.topuniversities.com

Dublin brings together the best of traditional Ireland as well as modern Europe and is currently home to the European Headquarters for many multinational organisations including Google, Facebook, Pfizer, Apple and Intel, to name just a few.

Dublin is Ireland’s capital city; home to Europe’s youngest and best educated population.

Few capital cities combine learning, enterprise and culture in such a small area. Part of Dublin’s charm is its friendly scale. You can walk across it in an hour, that’s if you don’t meet someone you know on the way! And you’re never far from the sea or the green rolling hills of the countryside.

For more information about Dublin, go to www.visitdublin.com
Admissions

For detailed information on entry requirements per programme, and the admissions procedure, please visit: https://myucd.ucd.ie

MEDICINE

NORTH AMERICAN CANDIDATES
The Atlantic Bridge Program,
3419 Via Lido
Suite 629
Newport Beach
CA 92663, USA
e: admissions@atlanticbridge.com
w: www.atlanticbridge.com

MALAYSIAN CANDIDATES
IUMC (Malaysia Office)
26th Floor, Menara Maxis, Kuala Lumpur City Centre
50088 Kuala Lumpur, Malaysia
w: www.iumcireland.com

Malaysian and Singaporean applicants can contact the below email/number.
t: +603 2615 7987
e: info@iumc.com.my

RSCI-UCD MALAYSIA CAMPUS
Admissions Office
4 Jalan Sepoy Lines,
10450 George Town,
Penang, Malaysia.

General Enquiries: +604-217 1999
Programme Enquiries: +604-217 1888
e: enquiry@rcsiucd.edu.my
w: www.rcsiucd.edu.my

ALL OUR OTHER PROGRAMMES

(RADIOGRAPHY, BIOMEDICAL, HEALTH & LIFE SCIENCE AND PHYSIOLOGY)

INTERNATIONAL ENTRY
visit www.ucd.ie/international

ALL OTHER COUNTRIES
visit www.ucd.ie/international
Sample Career Pathways

**MEDICINE***

Undergraduate Entry Medicine (6 years)  
Graduate Entry Medicine (4 years)

**RADIOGRAPHY***

BSc Radiography (2.5 years)  
BSc Radiography (4 years)

**SCIENCE***

BSc Biomedical, Health & Life Sciences (4 years)

Additional education and training paths include:

**CONTINUOUS PROFESSIONAL DEVELOPMENT**

Basic Professional Training (2-3 years)  
Higher Specialist Training (3-6 years)  
Hospital Consultant

**Academic Pathway**

Doctor of Philosophy PhD (3-4 years)  
Post-Doctoral Fellow (2-4 years)  
Principal Investigator

**Industry Pathway**

Work in Pharmaceutical, Biopharmaceutical, Biotechnology, Regulatory sectors

**Medical Internship** (1 year)  
Specialist pathway  
General Practice Pathway

**Radiographer** (3 years)  
Senior Radiographer (3 years)  
Clinical Specialist Radiographer (3-6 years)  
Radiography Service Manager

**Programmes**

- BSc Radiography (2.5 years)
- BSc Biomedical, Health & Life Sciences (4 years)

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1 Undergraduate entry medicine  
2 Graduate entry medicine

*These sample pathways are indicative and for illustrative purposes only.
Graduate and Continuous Professional Education

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.

<table>
<thead>
<tr>
<th>Diagnostic Imaging</th>
<th>Medicine &amp; Medical Specialties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Science (MSc)</td>
<td>Master of Science (MSc)</td>
</tr>
<tr>
<td>Master of Science (MSc)</td>
<td>Clinical &amp; Translational Research</td>
</tr>
<tr>
<td>Master of Science (MSc)</td>
<td>Graduate Certificate</td>
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<tr>
<td>Master of Science (MSc)</td>
<td>Clinical &amp; Translational Research</td>
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<tr>
<td>Graduate Diploma</td>
<td>Graduate Certificate</td>
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<tr>
<td>Graduate Diploma</td>
<td>Clinical Trials (Online)</td>
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<td>Graduate Certificate</td>
<td>Professional Certificate</td>
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<td>Clinical Dermatology</td>
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<tr>
<td>Graduate Certificate</td>
<td>Risk Management &amp; Quality</td>
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<tr>
<td>Graduate Certificate</td>
<td>Master of Science (MSc)</td>
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<tr>
<td>Graduate Certificate</td>
<td>Healthcare (Risk Management &amp; Quality)</td>
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<td>Professional Certificate</td>
<td>Graduate Diploma</td>
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<tr>
<td>Professional Certificate</td>
<td>Healthcare (Risk Management &amp; Quality)</td>
</tr>
<tr>
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<td>Professional Certificate</td>
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