



UCD School of Medicine  
[www.ucd.ie/medicine](http://www.ucd.ie/medicine)

# UNDERGRADUATE COURSES

2019/20





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## 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 five highly competitive programmes in Medicine (undergraduate and graduate entry), Biomedical Health & Life Science, Radiography, 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 55 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 1,700 undergraduate and 500 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



# 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, Singapore Medical Council, Educational Commission for Foreign Medical Graduates (ECFMG), and Federation of State Medical Boards (FSMB).



## 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 train at one or both of Ireland's largest and busiest acute hospitals: St Vincent's University Hospital and Mater Misericordiae University Hospital. Similarly, 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.



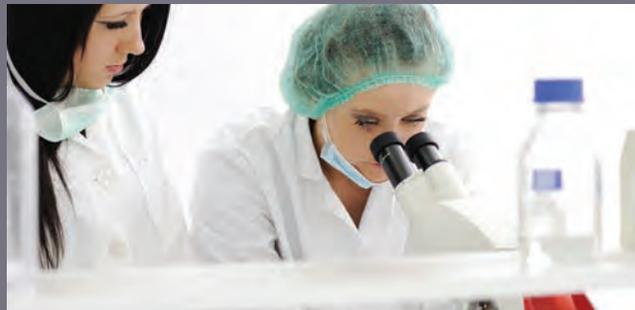
## SUPERB STUDENT EXPERIENCE

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.



## 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 countries.



## 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

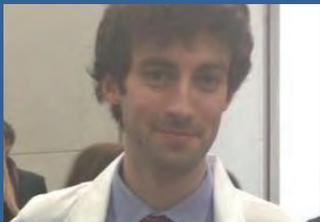
Ireland's most extensive clinical training network

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

*"I particularly enjoyed UCD's modular curriculum with its mix of didactic lectures and small-group tutorials. I also found the study of medicine by 'system' rather than by 'discipline' to be a very intuitive way to learn."*

- Michael Gilligan



### CAREER OPTIONS

Hospital-based specialist practice

General practice

Translational Clinical Research

Healthcare policy

For more visit [www.ucd.ie/medicine](http://www.ucd.ie/medicine)

## Year Overview

## What Will I Study?

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
- Science, medicine and society
- Healthcare imaging
- Student-selected modules from across the University's extensive portfolio

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
- Personal and Population Health
- Medical science taught by both scientists and clinicians
- Student selected modules

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
- Oncology
- Student research programme
- Student selected modules

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
- Student selected modules

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
- Psychiatry \*
- Medicine in the community \*

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
- Professional completion
- Public health medicine
- Clinical elective

# 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

*"As a UCD student I trained at some of Ireland's largest and most prestigious hospitals and was directly taught by many of the country's top doctors. My time at UCD has really given me the grounding and knowledge needed for a successful start to my medical career. The amazing facilities and the backdrop of Dublin were just an added bonus."*

- Maura Hannon

### CAREER OPTIONS

Hospital medicine

General practice

Translational research

Health care policy

For more visit [www.ucd.ie/medicine](http://www.ucd.ie/medicine)

## Year Overview

## What Will I Study?

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

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

\*Sample rotation

# 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.



## STUDENT TESTIMONIAL

"I enjoyed the wide variety of courses available here. I get 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)

## 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.



## 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.

YEAR	SEMESTER 1	SEMESTER 2
1	DUBLIN	DUBLIN
2	DUBLIN	DUBLIN
3	DUBLIN	PENANG
4	PENANG	PENANG
5	PENANG	PENANG

## 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

*"I chose BHLS for the mixture of both medical and science modules along with modules unique to the course itself, designed to train the next generation of translational researchers. I always knew I wanted to pursue a career in medical research and be able to translate my scientific training and knowledge into the medical world."*

- Bill Carton

## CAREER OPTIONS

Translational research

Drug development & clinical trials

Biotechnology sector

Graduate Entry Medicine



## Year Overview

## What Will I Study?

### YEAR 1

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.

#### YEAR 1 HIGHLIGHTS INCLUDE:

- Science, medicine & society
- Translational Research
- Basic tissues & early development
- Clinical human anatomy
- Genetics
- Cell biology

### YEAR 2

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.

#### YEAR 2 HIGHLIGHTS INCLUDE:

- Biostatistics
- Laboratory Skills
- Pharmacology / Biochemistry
- Neuroscience
- Cardiac / Vascular biology
- Renal biology

### YEAR 3

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.

#### YEAR 3 HIGHLIGHTS INCLUDE:

- Bioinformatics
- Mechanisms of disease
- Central nervous systems diseases
- Genetics & proteomics
- Endocrine, renal and reproductive pharmacology

### YEAR 4

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.

#### YEAR 4 HIGHLIGHTS INCLUDE:

- Research project
- Advanced neurochemistry
- Clinical biomarkers
- Cloning, gene therapy and stem cells
- Drug discovery & development
- Genetics, disease & behaviour

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.

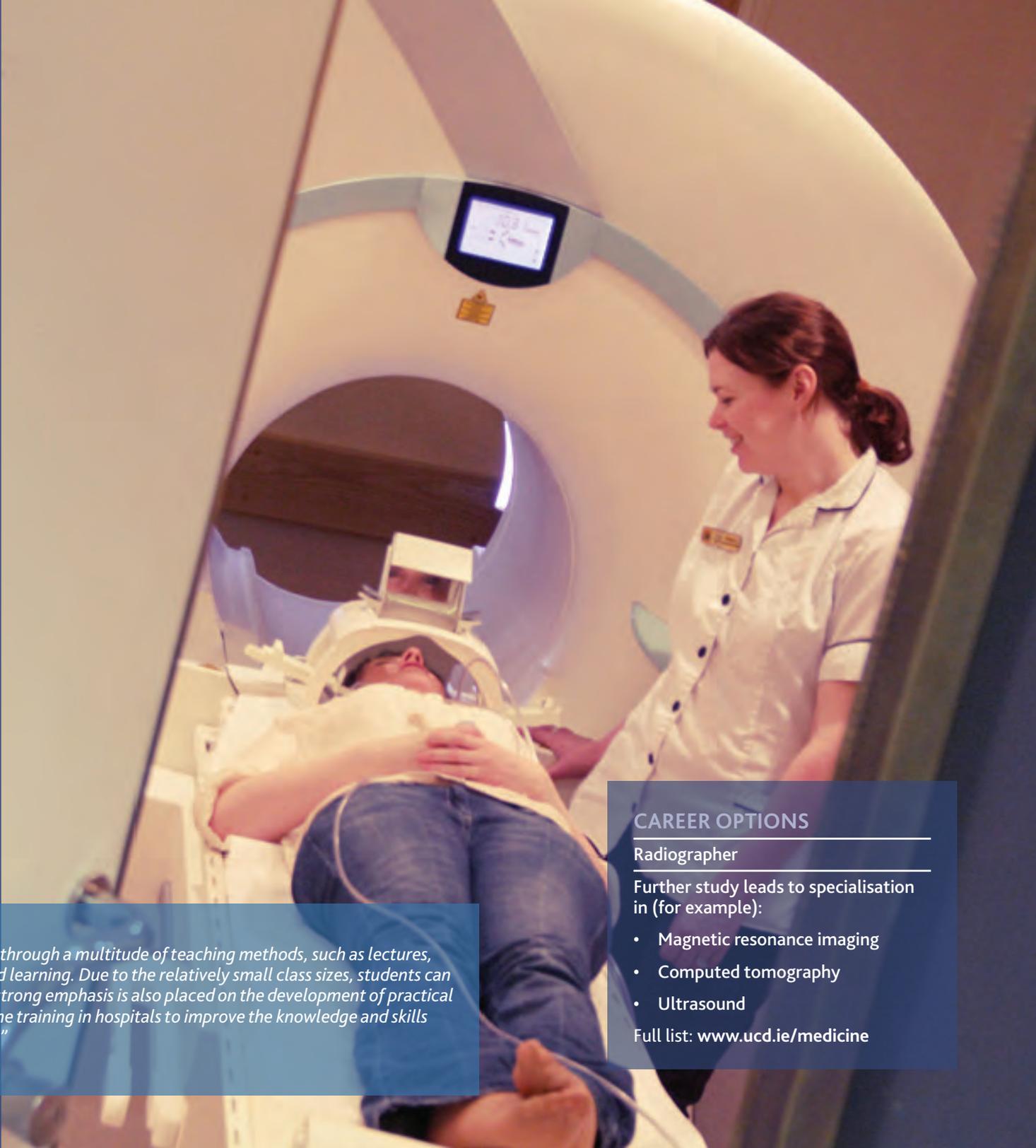
As a student of Radiography at UCD, you will follow a curriculum that is innovative and constantly evolving to meet the needs of modern healthcare. The programme is delivered by experienced and enthusiastic academic staff within the School and our clinical training network. In addition excellent opportunities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



### 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

Radiographer

Further study leads to specialisation in (for example):

- Magnetic resonance imaging
- Computed tomography
- Ultrasound

Full list: [www.ucd.ie/medicine](http://www.ucd.ie/medicine)

## Year Overview

## What Will I Study?

YEAR  
1

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.

### YEAR 1 HIGHLIGHTS INCLUDE:

- Clinical human anatomy
- Technology of Radiography
- Radiographic techniques
- Clinical Practice
- Study & Professional Skills
- Electives

YEAR  
2

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 at the end of semester two.

### YEAR 2 HIGHLIGHTS INCLUDE:

- Technology of radiography
- Image Interpretation
- Digital / PACS systems
- Clinical practice
- Practice of radiography
- Physiology

YEAR  
3

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 semester 1.

### YEAR 3 HIGHLIGHTS INCLUDE:

- Advanced radiographic techniques
- Clinical practice
- Mechanisms of disease
- Paediatrics
- Computed Tomography
- Ultrasound
- Introduction to research

YEAR  
4

The study of pathology is integrated with and underpins a critical approach to imaging techniques and radiographic image evaluation. You will also submit a dissertation towards the end of year four. Magnetic Resonance Imaging and nuclear medicine will also be covered. There is an option to select an international study pathway. A 14 week placement block occurs in semester 2.

### YEAR 4 HIGHLIGHTS INCLUDE:

- Erasmus programme
- Systemic pathology
- Magnetic Resonance Imaging
- Legal medicine
- Nuclear medicine
- Research project
- Professional Completion

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)

# 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

YEAR  
1

ENGAGE WITH  
THE PRINCIPLES

BIOLOGICAL, BIOMEDICAL AND BIOMOLECULAR SCIENCES			ELECTIVES
<ul style="list-style-type: none"> <li>Cell Biology &amp; Genetics</li> <li>Organic Chemistry &amp; Chemical Biology</li> </ul>	<ul style="list-style-type: none"> <li>Calculus for Science</li> <li>Scientific Enquiry</li> <li>Fundamentals of Biology</li> </ul>	<ul style="list-style-type: none"> <li>Introductory Chemistry</li> <li>Foundations of Physics</li> </ul>	<ul style="list-style-type: none"> <li>Two Elective modules</li> <li>One Small Group Project</li> </ul>

YEAR  
2

CHOOSE YOUR  
SUBJECTS

PHYSIOLOGY	BIOMOLECULAR SCIENCE	SCIENCE	ELECTIVES
<ul style="list-style-type: none"> <li>Cell &amp; Tissue Physiology</li> <li>Organ &amp; System Physiology</li> <li>Neurophysiology</li> </ul>	<ul style="list-style-type: none"> <li>Biomolecular Lab Skills 1</li> <li>Molecular Genetics and Biotech</li> <li>Metabolism, Immunity &amp; Infection</li> </ul>	<ul style="list-style-type: none"> <li>Chemistry for Biology</li> <li>Foundations of Physics</li> </ul>	<ul style="list-style-type: none"> <li>Two Elective modules</li> <li>One small group project</li> </ul>

YEAR  
3

FOCUS ON YOUR  
CHOSEN SUBJECT

PHYSIOLOGY			ELECTIVES
<ul style="list-style-type: none"> <li>Cardiovascular System</li> <li>Biostatistics</li> <li>Experimental Physiology</li> <li>Membrane Biology</li> </ul>	<ul style="list-style-type: none"> <li>Endocrine/Reproductive Physiology</li> <li>Digestion, Absorption and Excretion</li> <li>Respiratory Physiology</li> </ul>	<ul style="list-style-type: none"> <li>Higher Cortical Function</li> <li>Physiology (Optional Summer Research Project)</li> </ul>	<ul style="list-style-type: none"> <li>Two Elective modules</li> </ul>

YEAR  
4

REFINE YOUR  
KNOWLEDGE

PHYSIOLOGY			
<ul style="list-style-type: none"> <li>Gastrointestinal Physiology</li> <li>Adaptation to Hypoxia</li> </ul>	<ul style="list-style-type: none"> <li>Control of Vascular Resistance</li> <li>Physiological Genomics</li> </ul>	<ul style="list-style-type: none"> <li>Lung Function Under Stress</li> <li>Physiology of Disease</li> </ul>	<ul style="list-style-type: none"> <li>Physiology Research Project</li> <li>Haemostasis &amp; Thrombosis</li> </ul>

Students of Physiology enter via the UCD Science (DN200) pathway.  
For more information on this pathway, please visit <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 Carolina, 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  
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, 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

## 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 16,000m<sup>2</sup> 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](http://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 1300m<sup>2</sup> 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:

## Affiliated Hospital

Beaumont Hospital, Dublin

Blackrock Clinic, Dublin

Beacon Hospital, Dublin

Cappagh National Orthopaedic Hospital, Dublin

Children's University Hospital, Temple Street, Dublin

Connolly Hospital Blancharstown

Coombe Women's & Infants University Hospital, Dublin

Cork University Hospital, Cork

Letterkenny General Hospital

Mater Misericordiae University Hospital, Dublin

Mater Private Hospital, Dublin

Mayo University Hospital, Castlebar

Midlands Regional Hospital, Mullingar, Co. Westmeath

Mid-Western Regional Hospital, Limerick

Naas General Hospital

National Maternity Hospital, Holles Street, Dublin

National Rehabilitation Hospital, Dublin

Our Lady's Children's Hospital, Crumlin, Dublin

Our Lady's Hospice, Harold's Cross, Dublin

Royal Hospital Donnybrook, Dublin

Royal Victoria Eye & Ear Hospital, Dublin

Sligo University Hospital

St Columcille's Hospital, Dublin

St James's Hospital, Dublin

St John of God Hospital, Dublin

St Luke's Hospital, Dublin

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

University Hospital Galway, Galway

University Hospital Limerick, Limerick

Wexford General Hospital, Co. Wexford

## UCD Primary Care Network

A nationwide network of approximately 150 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 the faculty of 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*

# Research

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 m<sup>2</sup> 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



120+

Principal Research Investigators



75+

Post-Doctoral Research Fellows



65

Research Nurses, Data Managers and Laboratory Scientists



250+

Research Masters or Doctoral Students



500+

Active Research Projects



€85million

Grants and studies under management



€17million

Approximate research income per annum



450+

peer reviewed publications per annum

# Student Life



## 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 UNRIVALLED 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)

UDVO 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 Kisiizi 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 Ríogh

To find out more about student life at UCD School of Medicine, visit [www.ucd.ie/medicine](http://www.ucd.ie/medicine)



# Student Support

Our courses are delivered to more than 1,700 undergraduate and 500 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.

## HEALTH SCIENCE PROGRAMME OFFICE

The UCD Health Sciences 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 International 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 HEALTH SCIENCE PROGRAMME OFFICE

**W:** [www.ucd.ie/medicine](http://www.ucd.ie/medicine)  
**E:** [healthscience@ucd.ie](mailto:healthscience@ucd.ie)  
**T:** + 353 1 716 6686 / 6652

### UCD DIAGNOSTIC IMAGING PROGRAMME OFFICE

**W:** [www.ucd.ie/medicine](http://www.ucd.ie/medicine)  
**E:** [diagnostic.imaging@ucd.ie](mailto:diagnostic.imaging@ucd.ie)  
**T:** +353 1 716 6546

### UCD MEDICINE INTERNATIONAL OFFICE

**W:** [www.ucd.ie/medicine](http://www.ucd.ie/medicine)  
**E:** [international.medicine@ucd.ie](mailto:international.medicine@ucd.ie)  
**T:** +353 1 716 6556

### UCD INTERNATIONAL OFFICE

**W:** [www.ucd.ie/international](http://www.ucd.ie/international)  
**T:** + 353 1 716 8500

### STUDENT ADVISER

Kathleen Kiely  
**W:** [www.ucd.ie/advisers](http://www.ucd.ie/advisers)  
**E:** [kathleen.kiely@ucd.ie](mailto:kathleen.kiely@ucd.ie)  
**T:** + 353 1 716 6681

### UCD ACCESS CENTRE

**W:** [www.ucd.ie/openingworlds](http://www.ucd.ie/openingworlds)  
**E:** [accesscentre@ucd.ie](mailto:accesscentre@ucd.ie)  
**T:** + 353 1 716 7565



For details on Dublin transport visit  
[www.transportforireland.ie](http://www.transportforireland.ie)

# Life in Dublin

For more information about Dublin, go to  
[www.visitdublin.com](http://www.visitdublin.com)

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](http://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.





# Admissions

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

## MEDICINE

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### NORTH AMERICAN CANDIDATES

The Atlantic Bridge Program,  
3419 Via Lido  
Suite 629  
Newport Beach  
CA 92663, USA  
e: [admissions@atlanticbridge.com](mailto:admissions@atlanticbridge.com)  
w: [www.atlanticbridge.com](http://www.atlanticbridge.com)

### SINGAPOREAN CANDIDATES

IUMC Singapore Representative Office  
491B River Valley Road #13-01A  
Valley Point Singapore 249373  
e: [mail@regiongroup.com.sg](mailto:mail@regiongroup.com.sg)

### MALAYSIAN CANDIDATES

IUMC Malaysia  
26th Floor Menara Maxis  
Kuala Lumpur City Centre  
50088 Kuala Lumpur  
Malaysia  
t: +6010 406 2302 (Whats App)  
t: +603 2615 7987(Landline)

### 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](mailto:enquiry@rcsiucd.edu.my)

w: [www.rcsiucd.edu.my](http://www.rcsiucd.edu.my)

### ALL OTHER COUNTRIES

visit [www.ucd.ie/international](http://www.ucd.ie/international)

## ALL OUR OTHER PROGRAMMES

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

visit [www.ucd.ie/international](http://www.ucd.ie/international)

# Sample Career Pathways

## MEDICINE\*

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



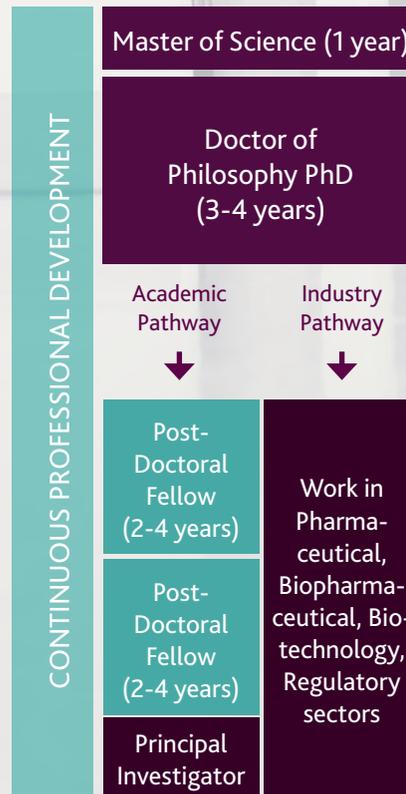
## RADIOGRAPHY\*

BSc Radiography (4 years)



## SCIENCE\*

BSc Biomedical, Health & Life Sciences (4 years)



<sup>1</sup> Undergraduate entry medicine  
<sup>2</sup> 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.

## Diagnostic Imaging

Master of Science (MSc)	Magnetic Resonance Imaging
Master of Science (MSc)	Computed Tomography
Master of Science (MSc)	Mammography
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	IV Cannulation & Administration
Professional Certificate	Forensic Radiography
Professional Certificate	Radiation Safety
Professional Certificate	Intra Orbital Foreign Body Screening
Professional Certificate	Dual Energy X-Ray Absorbtiometry

## Healthcare Informatics

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

## Risk Management & Quality

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

## Medicine & Medical Specialties

Graduate Diploma	Dermatology
Graduate Certificate	Clinical & Translational Research
Master of Science (MSc)	Clinical & Translational Research

## Forensic Medicine

Master of Science (MSc)	Forensic Medicine
Graduate Diploma	Forensic Medicine
Graduate Certificate	Medicine (Sexual Assault Forensic Examination)

## 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
Graduate Diploma	Child Mental Health
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







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Health Sciences Centre  
University College Dublin  
Belfield, Dublin 4, IRELAND

T: +353 1 716 6686 / 6652

F: +353 1 716 6651

E: [healthscience@ucd.ie](mailto:healthscience@ucd.ie) / [school.medicine@ucd.ie](mailto:school.medicine@ucd.ie)

W: [www.ucd.ie/medicine](http://www.ucd.ie/medicine)

#### Disclaimer

This prospectus is intended to assist prospective students and the information is provided in good faith. It is not, however, an official publication of the university and does not bind the university in any way.

The information provided in this booklet, including information pertaining to fees, is correct at the time of going to press but degree programmes and associated conditions are subject to ongoing development and the university reserves the right to make changes at any time, before or after a student's admission.