



UCD School of Medicine
& Medical Science
www.ucd.ie/medicine

UNDERGRADUATE COURSES

2013/14





Contents

Welcome from the Dean	1
Why Study with Us?	2
<hr/>	
Medicine (Undergraduate Entry)	4
Medicine (Graduate Entry)	6
Biomedical Health & Life Sciences	8
Radiography	10
Physiology	12
<hr/>	
Career Pathways & Graduate Education	14
Learning Environment	16
Our Clinical Network	18
Our Global Network	20
Research	22
Student Life	24
Student Support	26
Life in Dublin	28
<hr/>	
Admissions	30





UCD School of Medicine and Medical Science

UCD School of Medicine & Medical Science is proud of its reputation; shaped and built over the last 150 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 40 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 in the United States, Canada, China and Malaysia.

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

Our student population comprises more than 50 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 1,600 undergraduate and 450 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.

A handwritten signature in white ink that reads "Patrick Murray". The signature is fluid and cursive.

Professor Patrick Murray
Dean of Medicine, UCD

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 such as the Irish Medical Council, Irish Institute of Radiography & Radiation Therapists (IIRRT), Malaysian Qualifications Agency (MQA), 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 education 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 primary network of more than 140 GP practices and a nationwide 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 series of global partnerships and affiliations take students all over the world; including University of Queensland Australia, Penang College Malaysia, Harvard Medical School and the University of California. This experience exposes students to other models of healthcare, develops professional competencies and builds contacts and networks.



STUDENT RESEARCH OPPORTUNITIES

Scientific enquiry is at the core of all of our programmes. We encourage undergraduate students to participate in the annual undergraduate student research programme, an eight-week module that develops, supports and rewards excellence in student research. Participation provides students with invaluable experience in the area of investigative medical science, and is consistent with the School's ambition to produce not just exceptional healthcare practitioners, but also life-long learners and world-class medical researchers.



INTERNATIONAL DIVERSITY

Our diverse student body comprises more than 50 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 and continual patient contact

Multiple opportunities to travel

Ireland's most extensive clinical 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.

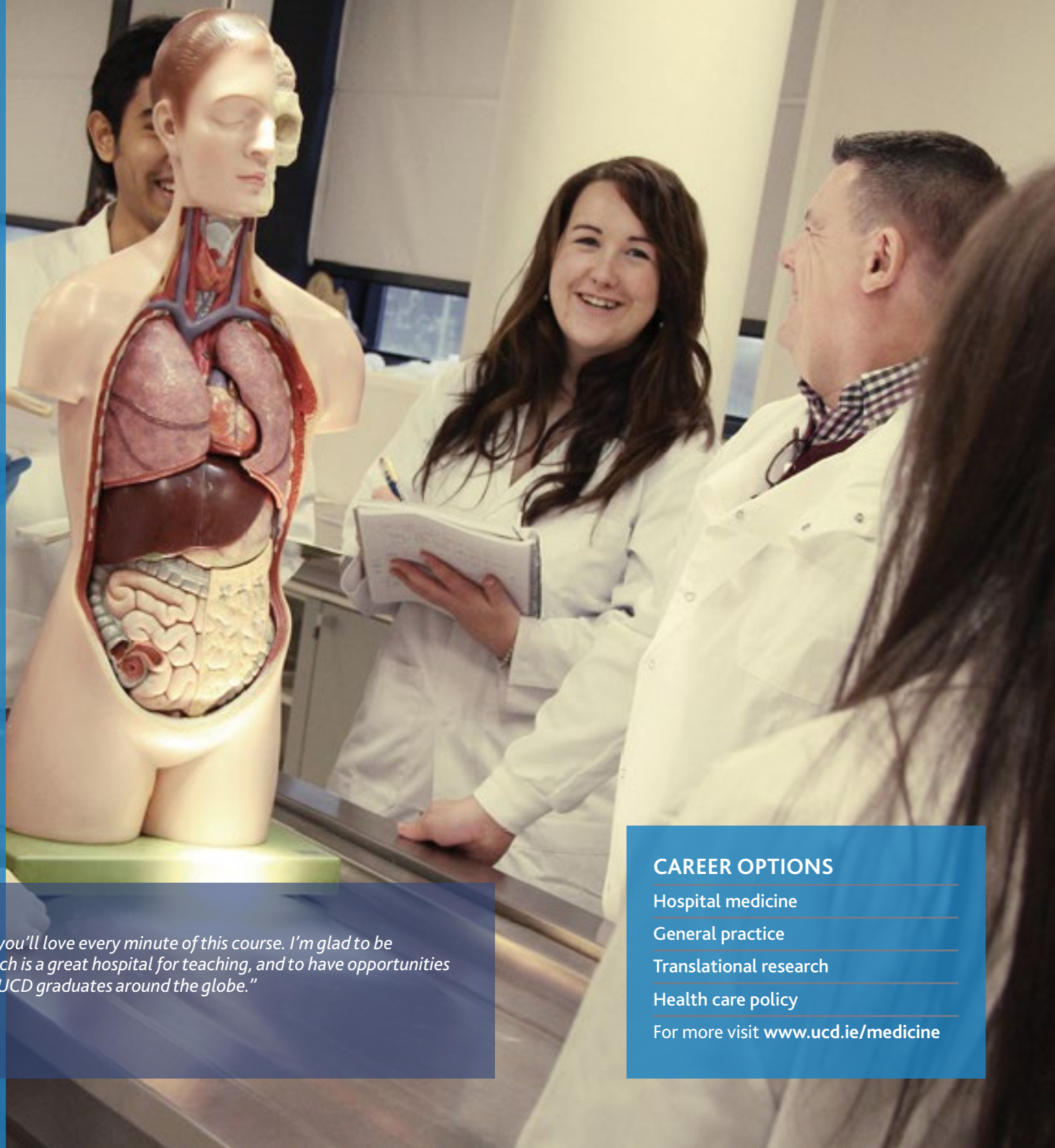
We believe passionately in training doctors who see the world through the eyes of the patient, and you will interact with and learn from patients throughout your time at UCD. You'll shadow GPs, learn from patient educators and train at Ireland's most extensive network of teaching hospitals.



STUDENT OVERVIEW

"If you want to do medicine, you'll love every minute of this course. I'm glad to be attached to St. Vincent's, which is a great hospital for teaching, and to have opportunities for elective placements with UCD graduates around the globe."

- Michael Conroy



CAREER OPTIONS

Hospital medicine

General practice

Translational research

Health care policy

For more visit www.ucd.ie/medicine

Year Overview

What Will I Study?

YEAR 1

The basic sciences as applied to medicine are considered to be 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
- Medical zoology
- Cell biology and genetics
- Science, medicine and society
- Healthcare imaging

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

YEAR 3

In year three, you will complete a review of healthy body systems and consider illnesses and treatment strategies associated with those systems. You will study the medical sciences of pathology, microbiology and pharmacology, and hone your professional and clinical skills through demonstration from and interaction with patients and clinicians. At the end of year three, many students undertake a research project with 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

YEAR 4

In year four, you will complete their study of organ systems and disease. The year begins in Belfield, with lectures and clinical skills sessions, and culminates in a series of clinical attachments alongside UCD teaching hospitals and community care centres.

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

In year five, you will be fully immersed within our clinical network and in the community. You will undertake modular programmes in prescribed specialties. 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 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've had an exceptional experience at UCD; it's a fantastic place to study medicine. When you're doing something that you're really interested in, it makes it easier to study and put in the work."

- Hilary Dowdall

CAREER OPTIONS

Hospital medicine

General practice

Translational research

Health care policy

For more visit 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, 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 culminates in an advanced clinical skills course, based in our major teaching hospitals.

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 network and in the community. You will undertake modular programmes in prescribed specialties. 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

*Sample rotation

ENTRY REQUIREMENTS

All applicants will be required to submit a current GAMSAT score and evidence of 2.1 degree. Places are awarded to qualified applicants via the CAO on the basis of GAMSAT scores. Although only graduates are eligible to apply for this programme, the graduate medicine degree is equivalent in standard to the undergraduate medical degree.

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

"All of the course has been interesting, as we study both medical and science subjects. However, the research project undertaken in our final year really does stand out. We use the knowledge gained over the previous years of study to address our chosen disease area, and we really get an idea for the translational research approach from our placements in leading clinical research groups."

- Danielle Molloy

CAREER OPTIONS

Translational research

Drug design & clinical trials

Biotechnology sector

Medicine (further study)

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
- Genetics
- Basic tissues & early development
- Clinical human anatomy
- Physics
- 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
- Immunity & Infection
- Pharmacology
- Neuroscience
- Cardiac biology
- Laboratory skills

YEAR 3

In year three you will continue with modules in cell biology, biochemistry, pharmacology and physiology. You will also now deepen your knowledge of specific diseases and disease processes.

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 interactions and research rotations with international researchers in a range of disease areas, undertaken within the School and its affiliated teaching hospitals. The degree will develop your fundamental knowledge in the translation of scientific discovery into clinical utilisation. In year four, you will have the opportunity to be involved in peer-reviewed abstracts and publications and to present at national and international meetings.

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

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. Radiography has come a long way since its birth in 1895, when x-rays were discovered. Today it involves working with state-of-the-art technology across many imaging modalities, with patient diagnosis, treatment and care at its core.

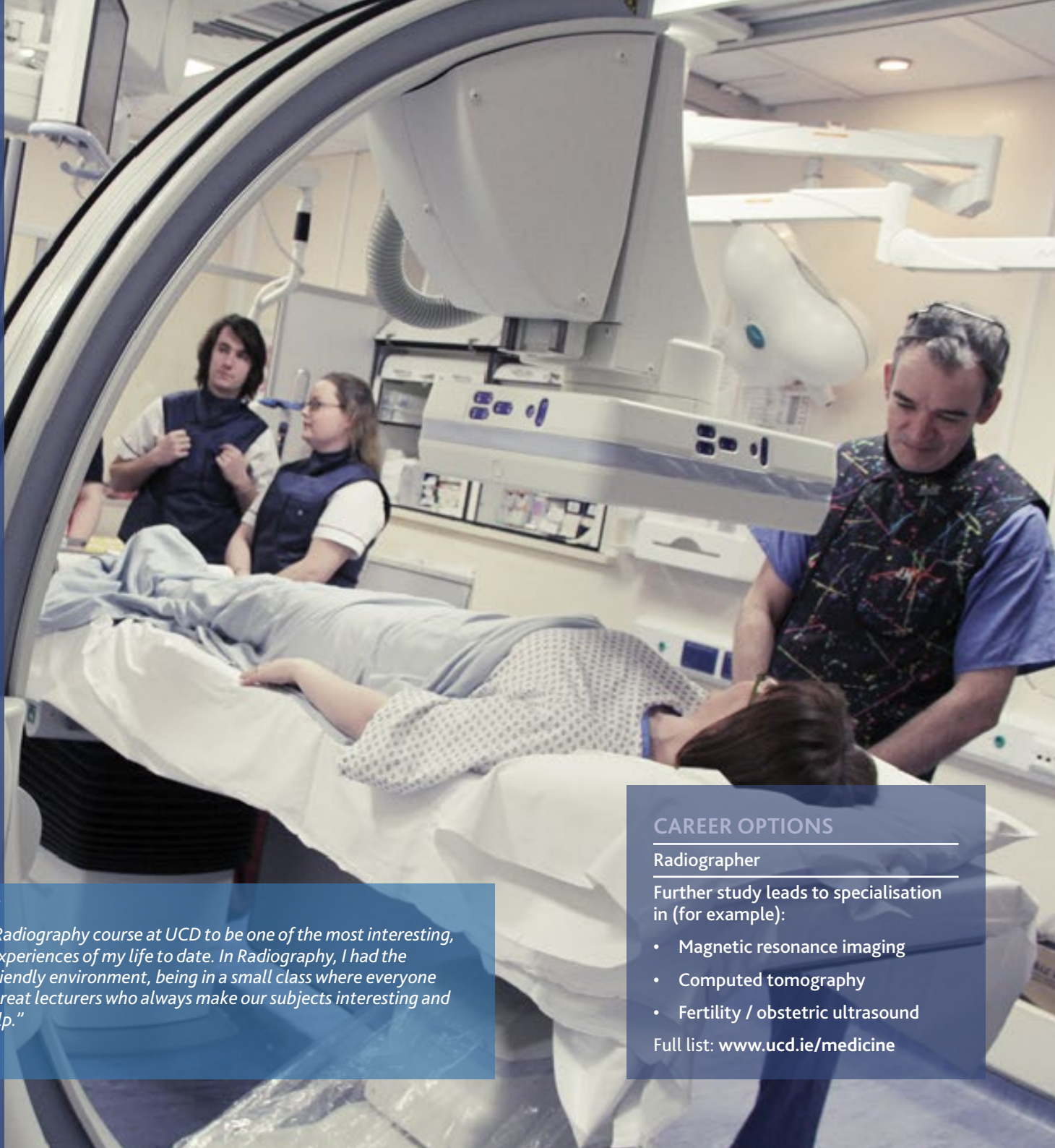
As a student of Radiography at UCD, you will follow a curriculum that is innovative and constantly evolving to meet the needs of modern healthcare. The programme is delivered by experienced and enthusiastic staff within the School and our clinical training network, including university teaching hospitals and specialist centres across Ireland.



STUDENT OVERVIEW

"I found my first year in the Radiography course at UCD to be one of the most interesting, challenging and enjoyable experiences of my life to date. In Radiography, I had the advantage of studying in a friendly environment, being in a small class where everyone knows one another, having great lecturers who always make our subjects interesting and who are always willing to help."

- Emily Doyle



CAREER OPTIONS

Radiographer

Further study leads to specialisation in (for example):

- Magnetic resonance imaging
- Computed tomography
- Fertility / obstetric ultrasound

Full list: 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 technique. You will also interact with patients at one of our teaching hospitals.

YEAR 1 HIGHLIGHTS INCLUDE:

- Clinical human anatomy
- Introduction to imaging technology
- Introduction to clinical practice
- Electives

YEAR
2

During year two, 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 block of clinical education at the end of semester two.

YEAR 2 HIGHLIGHTS INCLUDE:

- Fluoroscopy
- Paediatric radiography
- Skull/facial/dental radiography
- Human cells & tissues
- 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 new diagnostic technologies are introduced including computed tomography, magnetic resonance imaging, ultrasound, and radionuclide imaging.

YEAR 3 HIGHLIGHTS INCLUDE:

- Advanced radiographic techniques
- Clinical practice
- Mechanisms of disease
- Vascular imaging
- Trauma
- Digital / PACS systems

YEAR
4

Throughout year four, 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. There is an option to select an international study pathway.

YEAR 4 HIGHLIGHTS INCLUDE:

- Systemic pathology
- Advanced practice – theatre, trauma, mammography
- Legal medicine
- Oncology
- Research project

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

Physiology

(via Science Entry)

COURSE FEATURES

Modern, innovative curriculum

New state-of-the-art learning environment

Multiple opportunities to travel

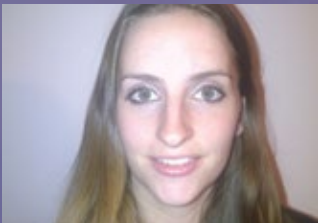
Small class sizes

Suitable as launchpad into Graduate Entry Medicine

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

"I chose physiology because I believed that was where my talents and interests lay. I enjoyed the course, especially my third and fourth year experience because as the classes became more specialised, I had easy access to my lecturers. I always found that they were generous with their time and committed to ensuring that my classmates and I fully understood the topics discussed."

- Joanna Cornwell

CAREER OPTIONS

Biomedical research

Pharma-based research

Clinical trials

Medicine (further study)



Sample Pathway for a Degree in Physiology

YEAR
1
ENGAGE WITH
THE PRINCIPLES

BIOLOGY	CHEMISTRY	MATHEMATICS	ELECTIVES
<ul style="list-style-type: none"> Organisms & Environment Diversity of Life Cell Biology & Genetics Biomedical Sciences 	<ul style="list-style-type: none"> The Basis of Organic and Biological Chemistry 	<ul style="list-style-type: none"> Mathematics for the Biological & Chemical Sciences 	<ul style="list-style-type: none"> Two Elective modules One Small Group Project

YEAR
2
CHOOSE YOUR
SUBJECTS

PHYSIOLOGY	NEUROSCIENCE	MICROBIOLOGY	ELECTIVES
<ul style="list-style-type: none"> Chemistry for Biologists Molecular Genetics and Biotechnology Biomolecular Laboratory Skills Introduction to Physiology Physiology of the Internal Environment Metabolic and Immune systems 	<ul style="list-style-type: none"> Principles of Microbiology: Medicine, Environment and Biotechnology 	<ul style="list-style-type: none"> Principles of Microbiology: Medicine, Environment and Biotechnology 	<ul style="list-style-type: none"> Two Elective modules

YEAR
3
FOCUS ON YOUR
CHOSEN SUBJECT

PHYSIOLOGY			ELECTIVES
<ul style="list-style-type: none"> Cardiovascular System Biostatistics Experimental Physiology Membrane Biology 	<ul style="list-style-type: none"> Endocrine/Reproductive Physiology Digestion, Absorption and Excretion Respiratory Physiology 	<ul style="list-style-type: none"> Higher Cortical Function Physiology (Includes a research project in a laboratory setting) 	<ul style="list-style-type: none"> Two Elective modules

YEAR
4
REFINE YOUR
KNOWLEDGE

PHYSIOLOGY			
<ul style="list-style-type: none"> Physiology at the Extremes Control of Vascular Resistance 	<ul style="list-style-type: none"> Synaptic Signalling Physiology Research Project Biology of Oxygen 	<ul style="list-style-type: none"> Gastrointestinal Physiology Adaptation to hypoxia 	<ul style="list-style-type: none"> Integrated Animal Physiology Synaptic Plasticity

Students of Physiology enter via the UCD Science (DN200) pathway. For more information on this pathway, please visit <https://myucd.ucd.ie>

Sample Career Pathways

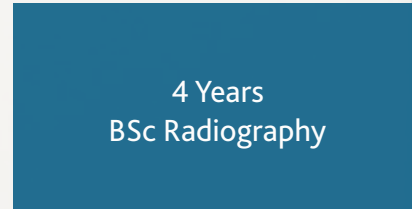
MEDICINE*



1 Year - Medical Internship



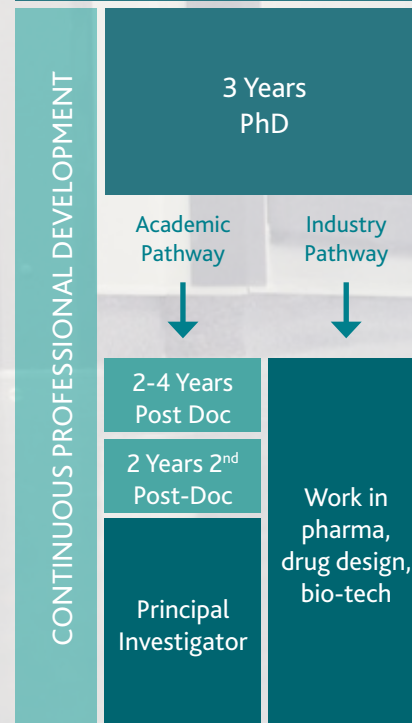
RADIOGRAPHY*



SCIENCE*



1 Year - Master of Science (MSc)



¹ Undergraduate entry medicine

² Graduate entry medicine

*These sample pathways are indicative and for illustrative purposes only.



Graduate and 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
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
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)

Medicine & Medical Specialties

Graduate Diploma	Dermatology
Professional Diploma	Respiratory Medicine
Graduate Certificate	Palliative Care
Graduate Certificate	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

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



Learning environment

When you choose to study at UCD School of Medicine and Medical Science, 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 16,000^{M2} 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 film screen acquisition, and associated dosimetry and printing capability
- Ireland's only multi-modality diagnostic imaging suite with CT, MRI, RNI and Ultrasound
- PACS laboratory and research space, LAN and web accessible





Our Clinical Network

Our students will train at one or both of Ireland's largest acute hospitals: St Vincent's University Hospital and Mater Misericordiae University Hospital. Similarly, students will rotate through Ireland's leading paediatric, maternity and specialist hospitals.

Students also benefit at an early stage from our primary care network, through which they shadow GPs and learn key skills in the area of communication, history-taking and follow-up.

Acute Hospitals

Major acute teaching hospitals affiliated with the School include:

Mater Misericordiae University Hospital

St Vincent's University Hospital

Midlands Regional Hospitals
(Portlaoise, Mullingar, Tullamore)

St Columcille's Hospital

St Michael's Hospital

Wexford General Hospital

St James's Hospital*

Beaumont Hospital*

AMNCH Tallaght*

Mid-western Regional Hospital*

*Aligned to Radiography programme

Maternity Hospitals

Primary maternity hospitals associated with our teaching or research include:

Coombe Women & Infants University Hospital

Mount Carmel Hospital

National Maternity Hospital, Holles St

Paediatric Hospitals

Our paediatrics teaching and research takes places at Ireland's two leading children's hospitals:

Children's University Hospital, Temple St

Our Lady's Children's Hospital, Crumlin

Specialist Hospitals & Community Care

Education, training and research also takes place across specialist tertiary hospitals and community care facilities:

Cappagh National Orthopaedic Hospital

MMUH Charter Medical Urgent Care Centre

National Rehabilitation Hospital, Dublin

Our Lady's Hospice

Royal Hospital Donnybrook

Royal Victoria Eye and Ear Hospital

St John of God Hospital

St Luke's Hospital

St Mary's Hospital

Mater Private Hospital



Mater Misericordiae University Hospital, Dublin



St Vincent's University Hospital, Dublin



Our Lady's Children's Hospital, Crumlin

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





Our Global Network

Each year, our students compete for highly prized international summer elective opportunities at locations all over the world. Similarly, many students complete their final year medical elective at one of our international partner institutions. Students can also undertake research projects at locations all over the world, as part of the undergraduate student research programme.

Clinical and research electives – a long-established feature of our undergraduate programmes – allow students to develop their knowledge and understanding of issues and themes relevant to medicine, radiography and translational research. 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.

Our global network includes but is not limited to:

Emory Healthcare, Emory University, Atlanta, Georgia, USA

Hospital for Sick Children, Toronto, Canada

Hospital for Special Surgery, New York, USA

Lankenau Medical Centre, Pennsylvania, USA

Mayo Clinic, Minnesota, USA

Penang Medical College, Malaysia

University of British Columbia, Vancouver, Canada

University of California, San Diego, USA

University of Kansas, USA

University of Pennsylvania, USA

University of Queensland, Australia

Washington University, St. Louis, Missouri, USA

Medical College of Wisconsin, USA

Dana Farber Cancer Institute, Harvard University, Boston, USA

Prostate Cancer Center, University of California, Davis, Sacramento



STUDENT TESTIMONIAL

"I chose UCD mainly for its campus life and also because UCD is known for its research work and the student summer research programme. The programme has been the most interesting aspect of my time here. Research prompts me to think, and it is an avenue where I can finally apply what I have studied so far in medical school."
- May Suen Chow

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

Dublin Academic Medical Centre (DAMC) Young Investigator Research Programme

UCD School of Medicine & Medical Science 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

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.

Research IN NUMBERS



100+

Principal Research Investigators



50+

Post-Doctoral Research Fellows



50

Research Nurses, Data Managers and Laboratory Scientists



200+

Research Masters or Doctoral Students



300+

Active Research Projects



€75million

Grants and studies under management



€7.5million

Approximate research income per annum



300+

peer reviewed publications per annum

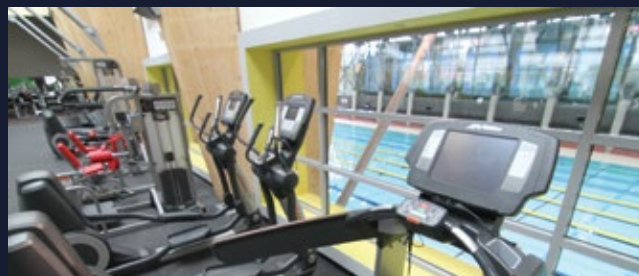


STUDENT TESTIMONIAL

*"Highlights for me so far include winning Intersvarsity medals with the Athletics Club for shot putt and triple jump, and being elected auditor of the UCD Traditional Music Society (TradSoc) for this year. Both take up an awful lot of my free time, but I enjoy being involved; it gives me a chance to develop skills, experience, and friendships outside of the field of medicine."
- Diarmuid Hickey*



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. In 2012, members of *MedSoc* raised more than €20,000 for various patient charities. *MedSoc*, winner of UCD society of the year 2011/12, also coordinates a fantastic array of social and sporting events throughout term time.

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



Student Support

Our courses are delivered to more than 1,600 undergraduate and 450 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 and Medical Science. 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, accreditation for prior learning, assessment and progression.

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.

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.

MATHS SUPPORT CENTRE

The Mathematics Support Centre (MSC) is an informal drop-in centre, available as a free service to all UCD students. The MSC aims to enhance students' knowledge of Mathematics. The MSC is staffed by dedicated, experienced tutors who can offer individual support in mathematics, statistics or any subject such as mathematical physics, economics or architecture.

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/healthsciences
E: healthscience@ucd.ie
T: + 353 1 716 6686 / 6652

UCD INTERNATIONAL OFFICE

W: www.ucd.ie/international
T: + 353 1 716 8500

STUDENT ADVISER

Carl Lusby
UCD International International, Health Sciences
W: www.ucd.ie/advisers
E: carl.lusby@ucd.ie
T: + 353 1 716 8406 / 6632

UCD ACCESS CENTRE

W: www.ucd.ie/openingworlds
E: accesscentre@ucd.ie
T: + 353 1 716 7565



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

For details on Dublin transport visit
www.dublinbus.ie www.dart.ie



Admissions

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

International Applicants

MALAYSIAN CANDIDATES

Synthesis Education Consulting
Sdn Bhd Suite 5.18
Level 5, North Block
The AmpWalk
218 Jalan Ampang
50450 Kuala Lumpur, Malaysia
E: info@iumc.com.my
W: www.iumc.com.my

OR

For the Penang Medical College / UCD twinning program
Penang Medical College (Kuala Lumpur Admissions Office)
Suite 5.19, 5th Floor
North Block
The Amp Walk
218 Jalan Ampang
50450 Kuala Lumpur
Malaysia
E: admissions@pmc.edu.my
W: www.pmc.edu.my

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

SINGAPOREAN CANDIDATES

IUMC Singapore Representative Office
491B River Valley Road
#13-01A Valley Point
Singapore 249373
E: mail@regiongroup.com.sg

For more information, please visit www.ucd.ie/international





UCD School of Medicine and Medical Science
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 / school.medicine@ucd.ie

W: 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.

Version Number

13 : 1