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UCD School of Medicine

UCD School of Medicine 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 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 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.

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 Therapy (IIRRT), Malaysian Qualifications Agency (MQA), Educational Commission for Foreign Medical Graduates (ECFMG), and Federation of State Medical Boards (FSMB).
INTERNATIONAL STUDY OPTIONS
Our students benefit from a range of highly-prized international research and clinical elective opportunities. Our well-developed series of global partnerships and affiliations take students all over the world; including Harvard Medical School, University of California (Davis), Washington University, University of Queensland and Penang Medical College.

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 primary care practices and a nationwide diagnostic imaging clinical training network. Radiography students have a unique opportunity to undertake placements across the eight Irish University Teaching Hospitals.

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

STUDENT RESEARCH OPPORTUNITIES
Scientific enquiry is at the core of all of our programmes. We encourage 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

### 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 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 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 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 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 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.

## What Will I Study?

### YEAR 1 HIGHLIGHTS INCLUDE:
- Medical physics
- General, inorganic and organic chemistry for medicine
- Medical zoology

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

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

### YEAR 4 HIGHLIGHTS INCLUDE:
- Completion of medical sciences
- Professional clinical practice
- Psychological, child and maternal health

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

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

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

*Sample rotation
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

#### 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

*Sample rotation

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### What Will I Study?

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

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### ENTRY REQUIREMENTS

All applicants will be required to submit a current MCAT score, evidence of their primary degree, and a personal statement. 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

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

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

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

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 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 staff within the School and our clinical training network, including university teaching hospitals and specialist centres across Ireland. In addition, excellent opportunities for international clinical and research placements exist within the degree programme.

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
• Ultrasound
Full list: www.ucd.ie/medicine
<table>
<thead>
<tr>
<th>Year</th>
<th>Overview</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>In year one, you are introduced to the fundamental concepts of radiation science and technology, human anatomy and radiographic techniques. You will also interact with patients at one of our teaching hospitals.</td>
</tr>
<tr>
<td>2</td>
<td>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.</td>
</tr>
<tr>
<td>3</td>
<td>In year three, you will deepen your knowledge of radiographic technique. It is at this point that the study of pathology begins. It is also the year at which new diagnostic technologies are introduced including computed tomography, magnetic resonance imaging, ultrasound, and radionuclide imaging.</td>
</tr>
<tr>
<td>4</td>
<td>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.</td>
</tr>
</tbody>
</table>

### Year Overview:

#### Year 1 Highlights Include:
- Clinical human anatomy
- Introduction to imaging technology
- Radiographic techniques

#### Year 2 Highlights Include:
- Technology of radiography
- Paediatric radiography
- Skull/facial/dental radiography

#### Year 3 Highlights Include:
- Advanced radiographic techniques
- Clinical practice
- Mechanisms of disease

#### Year 4 Highlights Include:
- Erasmus programme
- Systemic pathology
- Advanced practice – theatre, trauma, mammography

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

<table>
<thead>
<tr>
<th>YEAR</th>
<th>ENGAGE WITH THE PRINCIPLES</th>
<th>BIOLOGY</th>
<th>CHEMISTRY</th>
<th>MATHEMATICS</th>
<th>ELECTIVES</th>
</tr>
</thead>
</table>
| 1    |                            | • Organisms & Environment  
• Diversity of Life  
• Cell Biology & Genetics  
• Biomedical Sciences | • The Basis of Organic and Biological Chemistry | • Mathematics for the Biological & Chemical Sciences | • Two Elective modules  
• One Small Group Project |
| 2    | CHOOSE YOUR SUBJECTS      | PHYSIOLOGY | NEUROSCIENCE | MICROBIOLOGY | ELECTIVES |
|      |                            | • Chemistry for Biologists  
• Molecular Genetics and Biotechnology  
• Biomolecular Laboratory Skills  
• Introduction to Physiology  
• Physiology of the Internal Environment  
• Metabolic and Immune systems | • Principles of Microbiology: Medicine, Environment and Biotechnology | • Principles of Microbiology: Medicine, Environment and Biotechnology | • Two Elective modules |
| 3    | FOCUS ON YOUR CHOSEN SUBJECT | physio | physio | physio | elect |
| 4    | REFINISH YOUR KNOWLEDGE   | physio | physio | physio | elect |

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***
- 6 Years UEM¹ Entry
- 4 Years GEM² Entry
- 1 Year - Medical Internship

**RADIOGRAPHY***
- 4 Years BSc Radiography
- 3 Years Radiographer
- 3-6 Years Clinical Specialist Radiographer
- Radiographer Services Manager

**SCIENCE***
- 4 Years BSc Biomedical Health & Life Sciences
- 3 Years PhD
- Work in pharma, drug design, bio-tech

**CONTINUOUS PROFESSIONAL DEVELOPMENT**
- Specialist pathway
- General Practice Pathway
- Academic Pathway
- Industry Pathway

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.

<table>
<thead>
<tr>
<th>Diagnostic Imaging</th>
<th>Medicine &amp; Medical Specialties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Science (MSc) Magnetic Resonance Imaging</td>
<td>Graduate Diploma Dermatology</td>
</tr>
<tr>
<td>Master of Science (MSc) Computed Tomography</td>
<td>Professional Diploma Respiratory Medicine</td>
</tr>
<tr>
<td>Master of Science (MSc) Mammography</td>
<td>Graduate Certificate Palliative Care</td>
</tr>
<tr>
<td>Master of Science (MSc) Medical Imaging</td>
<td>Graduate Certificate Clinical &amp; Translational Research</td>
</tr>
<tr>
<td>Master of Science (MSc) Ultrasound</td>
<td></td>
</tr>
<tr>
<td>Graduate Diploma Magnetic Resonance Imaging</td>
<td></td>
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<tr>
<td>Graduate Diploma Computed Tomography</td>
<td></td>
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<tr>
<td>Graduate Certificate Obstetric Ultrasound</td>
<td></td>
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<tr>
<td>Graduate Certificate Fertility Ultrasound</td>
<td></td>
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<tr>
<td>Graduate Certificate Radiology Information Systems &amp; Picture Archiving Communications Systems Management</td>
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<tr>
<td>Graduate Certificate Paediatric Radiography</td>
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<tr>
<td>Graduate Certificate Interventional Imaging and Practice</td>
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<tr>
<td>Professional Certificate IV Cannulation &amp; Administration</td>
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<tr>
<td>Professional Certificate Forensic Radiography</td>
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<tr>
<td>Professional Certificate Radiation Safety</td>
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<tr>
<td>Professional Certificate Intra Orbital Foreign Body Screening</td>
<td></td>
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<tr>
<td>Professional Certificate Dual Energy X-Ray Absorbtionometry</td>
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<tr>
<th>Healthcare Informatics</th>
<th>Forensic Medicine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Science (MSc) Healthcare Informatics</td>
<td>Master of Science (MSc) Forensic Medicine</td>
</tr>
<tr>
<td>Graduate Diploma Healthcare Informatics</td>
<td>Graduate Diploma Forensic Medicine</td>
</tr>
<tr>
<td></td>
<td>Graduate Certificate Medicine (Sexual Assault Forensic Examination)</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Emergency Medical Science</th>
<th>Psychotherapy &amp; Mental Health</th>
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</thead>
<tbody>
<tr>
<td>Master of Science (MSc) EMS Immediate Care</td>
<td>Master of Science (MSc) Psychoanalytic Psychotherapy</td>
</tr>
<tr>
<td>Master of Science (MSc) EMS Advanced Paramedic</td>
<td>Master of Science (MSc) Group Analytic Psychotherapy</td>
</tr>
<tr>
<td>Graduate Diploma Emergency Medical Science</td>
<td>Master of Science (MSc) Child Art Psychotherapy</td>
</tr>
<tr>
<td></td>
<td>Master of Science (MSc) Systemic Psychotherapy</td>
</tr>
<tr>
<td></td>
<td>Graduate Diploma Child Mental Health</td>
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<tr>
<td></td>
<td>Higher Diploma Psychotherapy Studies</td>
</tr>
</tbody>
</table>

| Risk Management & Quality               |                                                                     |
|-----------------------------------------|                                                                     |
| Master of Science (MSc) Healthcare (Risk Management & Quality) | |
| Graduate Diploma Healthcare (Risk Management & Quality)         | |
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 16,000\textsuperscript{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 1300m\textsuperscript{2} 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
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*
- Cork University Hospital*
- University Hospital Galway*
- University Hospital Limerick

*Aligned to Radiography programme

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

Maternity Hospitals

Primary maternity hospitals associated with our teaching or research include:

- Coombe Women & Infants University Hospital
- National Maternity Hospital, Holles St

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

Destination for recent North American graduates include but are not limited to:

- Hospital for Sick Children, Toronto, Ontario
- Mayo Clinic, Rochester, MN
- University of California, Davis – Anaesthesia
- Lahey Clinic, Boston – Internal Medicine
- University of Toronto - Family Medicine
- University of Manitoba - Family Medicine
- University of Western Ontario - Psychiatry
- University of Western Ontario - Internal Medicine
- University of Toronto - General Surgery
- State Univ of New York, Buffalo, NY
- Dartmouth College, Hanover, NH
- Virginia Commonwealth Univ, Richmond, VA
- Royal University Hospital, Univ of Saskatchewan
- McMaster University - Internal Medicine
- University of South Alabama – Paediatrics
- Lahey Clinic (Tufts University) – Internal Medicine

Looking back over my time spent at Harvard Medical School and Massachusetts General Hospital, I feel incredibly privileged to have been given this opportunity.

Darren Cowzer
Harvard elective student (paediatrics) 2014

I had a simply wonderful elective experience at Emory in Pediatric Hematology/Oncology.

I really think that this summer I learned so much and was really able to add to the base foundation of knowledge that I had on starting the elective.

Katrina O’ Halloran
Emory elective student (paediatrics haematology/oncology) 2014
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.

Our international students secure places in highly competitive residency and internship programmes across Europe, North America, Asia and Australia. We are proud that our UCD alumni work in leading clinical and research institutions across the world. Our global network includes but is not limited to:

- Cleveland Clinic, Ohio, USA
- Dana Farber Cancer Institute, Harvard University, Boston, USA
- Dartmouth College, Hanover, New Hampshire, USA
- Duke University, Durham, North California, USA
- Emory Healthcare, Emory University, Atlanta, Georgia, USA
- Fudan University, Shanghai, China
- 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
- Penang Medical College, Penang, Malaysia
- Quinnipiac University, Hamden, USA
- Providence St Peter Hospital, Olympia, Washington
- Royal University Hospital, University of Saskatchewan, Canada
- Shenzhen University, Shenzhen, Guangdong, China
- State University of New York, Buffalo, New York, USA
- Tufts University, Boston, Massachusetts, USA
- Uniformed Services, University of the Health Sciences, Bethesda, Maryland, USA
- University of Basel, Basel, Switzerland
- University of British Columbia, Vancouver, Canada
- University of California at Davis, Sacramento, 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 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
- Virginia Commonwealth University, Richmond, Virginia, USA
- Washington University, St Louis, Missouri, USA
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](http://www.ucd.ie/medicine/ssra)

RESEARCH ENVIRONMENT

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

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

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

- Dana Farber Cancer Institute, Boston, USA
- The Hospital for Sick Children, Toronto, Canada
- National Institutes of Health, Bethesda, Maryland, USA
- University of Pennsylvania, USA
- University of California, Davis, USA
- Emory University, Atlanta, Georgia, USA

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
- €75 million
  - Grants and studies under management
- €12 million
  - Approximate research income per annum
- 300+
  - peer reviewed publications per annum
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 extracurricular 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, visit www.ucd.ie/medicine

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, Hati, 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
“Highlights for me so far include winning Intervarsity medals with the Athletics Club for shot put 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
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, recognition 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.

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.

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 |
| Kathleen Kiely |
| UCD International International, Health Sciences |
| W: www.ucd.ie/advisers |
| E: kathleen.kiely@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

NORTH AMERICAN CANDIDATES

Medicine Programmes
The Atlantic Bridge Program, 3419 Via Lido Suite 629 Newport Beach CA 92663, USA
E: admissions@atlanticbridge.com
W: www.atlanticbridge.com

Radiography
E: diagnostic.imaging@ucd.ie

MALAYSIAN CANDIDATES

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

Penang Medical College
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

SINGAPOREAN CANDIDATES

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

All other countries please visit www.ucd.ie/international
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