

Radiography



Do you care about helping others with your skills and knowledge? Radiography is a caring profession that also calls for considerable technological expertise. It has come a long way since its birth in 1895, when X-rays were discovered. Today it is central to modern healthcare systems and involves working with rapidly evolving technologies – with patient diagnosis, treatment and care at its core. Radiography also offers graduates exceptional employment opportunities and exciting pathways for progression and further study.

Why UCD Radiography?

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

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

This programme is currently the only diagnostic radiography programme recognised by CORU, the Irish Health and Social Care Professionals Regulatory Body, as an approved programme.

Your First Year Experience

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

First year also provides you with the opportunity to pursue healthcare or other elective modules, and to experience everything university life has to offer.

Radiography

BSc [Hons] [NFQ Level 8]



CAO Code **DN410**

CAO Points Range 2013 530 — 605
Length of Course 4 Years
Places 45

Entry Requirements English • Irish • A third language • Mathematics • One laboratory science subject • One other recognised subject

Leaving Certificate Passes in six subjects including those shown above, of which two must be minimum HC3

A-Level/GCSE 2013 A*AAB (A-Level) or equivalent
Passes [GCSE Grade C or above] in six recognised subjects including those above, of which two must be minimum Grade C or above at A-Level
Irish Language Exemption applies, see p175

Other EU Applicants See www.ucd.ie/myucd/eu

Non-EU Applicants See www.ucd.ie/myucd/noneu

Level 5/6 FETAC Entry Routes — None

Level 6/7 Progression Entry Routes — None

Mature Entry Route — Yes, see p178

Health Screening & Garda Vetting See p175 for requirements



Students and senior staff at the Mater Misericordiae University Hospital

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

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

Professional Work Experience

Radiography will first be demonstrated in UCD's own imaging facilities before you progress to performing examinations on patients. Teaching hospitals also participate in your training and you'll work alongside radiography colleagues to learn and refine your professional skills.

Career & Graduate Study Opportunities

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

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

International Study Opportunities

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

Why is this course for me?

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

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

What will I study?

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

First Year

Anatomy • Introduction to Radiographic Technology • Introduction to Clinical Practice • Clinical Applications of Radiation • Elective modules

Second Year

Anatomy • Physiology • Practice of Radiography • Imaging Technology • Elective modules • Clinical placement

Third Year

Advanced Practice of Radiography • Vascular & Trauma Imaging • Introduction to Research • Mechanisms of Disease • Elective modules • Clinical placement

Fourth Year

Advanced Practice of Radiography • Legal Medicine • Oncology Imaging • Research project • Systematic Pathology • Erasmus opportunities • Clinical placement



Emily Doyle
STUDENT

I found my first year in Radiography to be one of the most interesting, challenging and enjoyable experiences of my life to date. I had the advantage of being in a small class where everyone knows one another, and having great lecturers who make our subjects interesting and are always willing to help. As well as lectures and labs we undertook clinical work placement in the university hospitals. During this time we practised what we'd

learnt while gaining hands-on experience working under the supervision and mentorship of our clinical tutors. I found this practical reinforcement of knowledge helpful and also very rewarding as I could see the relevance and importance of everything I was learning.

Emily is a UCD Ad Astra Performing Arts Scholar.

Find out more

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[facebook.com/MyUCD](https://www.facebook.com/MyUCD)

Other courses of interest

Physiotherapy →102

Science →110

Studying UCD Radiography

Year 1

Engage with the principles

Practice of Radiography		Technology of Radiography	
Radiography Clinical Practice	Clinical Human Anatomy	Science of Radiation	

Years 2 & 3

Refine your knowledge

Practice of Radiography		Technology of Radiography	
Radiography Clinical Practice	Physiology & Disease Processes	Research	

Year 4

Prepare for professional practice

Advanced Practice of Radiography		Research	
Pathology	Optional international study abroad	Radiography Clinical Practice	

BSc Radiography (Honours)

Specialise through UCD graduate study

Taught Graduate Programmes

Professional Certificates

Forensic Radiography
 IV Consultation/Administration
 Radiation Safety

Graduate Certificates

Fertility Ultrasound
 Interventional Radiography
 Mammography
 Obstetric Ultrasound
 Paediatric Radiography
 RIS/PACS Management

Graduate Diplomas

Computed Tomography
 Magnetic Resonance Imaging

Master's (Taught & Research) & PhD

Themes include
 Computed Tomography
 Magnetic Resonance Imaging
 Mammography
 Medical Imaging Research
 Radionuclide/PET Imaging
 Ultrasound

Radiographer

Shape your career with UCD Diagnostic Imaging

Career Opportunities

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

Continue to develop your professional career with UCD...