

Erasmus Radiography in UCD 2020

ABOUT UCD AND RADIOGRAPHY

- UCD is the biggest university in Ireland with over 24,000 students
- UCD is ranked in the top 1% of universities worldwide
- UCD campus has cutting-edge sports and campus facilities
- UCD is Europe's largest urban campus with 133 hectares making up the woodland campus
- UCD has more than 6,000 international students from 130 countries
- UCD has over 100 student clubs and societies – there is something for everyone, no matter your interest
- UCD Radiography offered one of the first degree programmes in the world
- UCD Radiography has built on its long tradition and now has one of the biggest, research-active postgraduate divisions worldwide

ABOUT THE ERASMUS COURSE

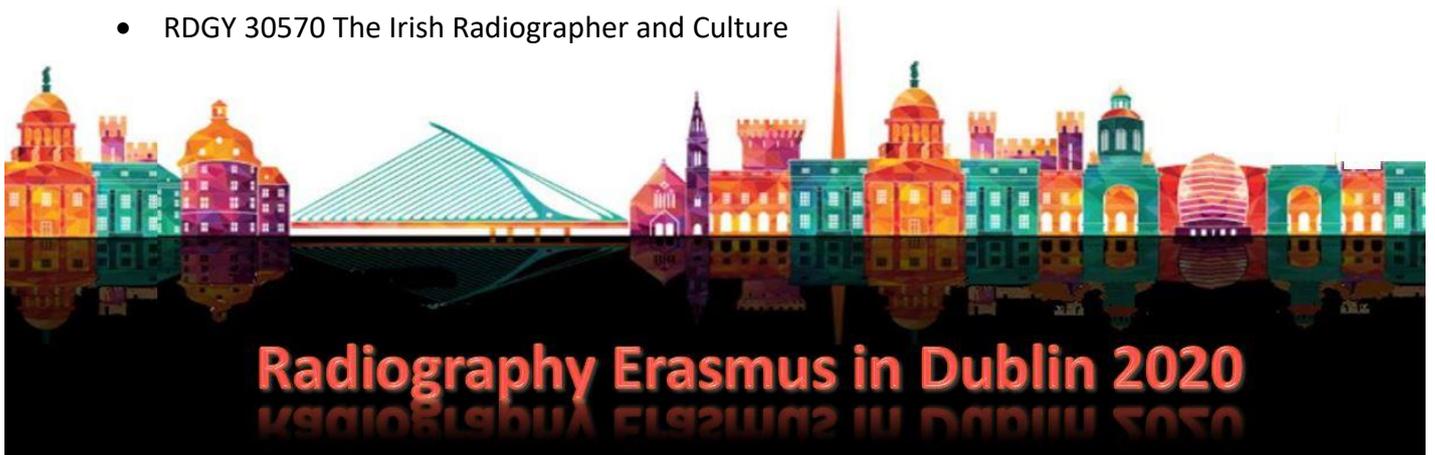
OVERALL AIMS

- To provide tuition in the role of diagnostic imaging specifically within cardiac intervention examinations.
- To foster appreciation of varying health care culture and radiographic practice within Europe.
- To facilitate greater awareness of other European cultures.
- To facilitate Radiography students gaining clinical experience in other health care cultures, and particularly in a variety of Irish hospitals.
- To contribute to greater cohesion in the education of Radiographers in Europe.

THE UCD COURSE

The curriculum in UCD is modular. The Erasmus course lasts for 13 weeks and has two modules:

- RDGY30600: Cardiac Interventional Imaging (Erasmus)
- RDGY 30570 The Irish Radiographer and Culture



CARDIAC INTERVENTIONAL IMAGING (ERASMUS) (RDGY30600)

This 15 credit module is coordinated by Ms Eilish McDermott.

The module combines theory and practice for cardiac interventional imaging techniques. The theory component takes place during the first four weeks of the exchange period. While focussing on angiography and intervention, classes also explore a range of modalities used in cardiac interventional imaging, such as projection radiography, fluoroscopy, ultrasound, computed tomography and magnetic resonance imaging. A range of clinical presentations, aspects of patient care, and the roles of various healthcare professionals are addressed through a lectures and workshops.

To compliment theory, students follow a seven week clinical rotation to areas including cardiac cath lab, interventional areas, fluoroscopy, general radiography, ultrasound; CT, MRI, RNI, theatre and mobiles. Emphasis is placed on gaining experience of cardiac interventional imaging techniques within these areas.

Students are expected to work competently but under distant supervision in general areas and mobile work. Students should be able to make a useful contribution in angiography, ultrasound, CT and MRI.

What will you learn?

Knowledge Outcomes:

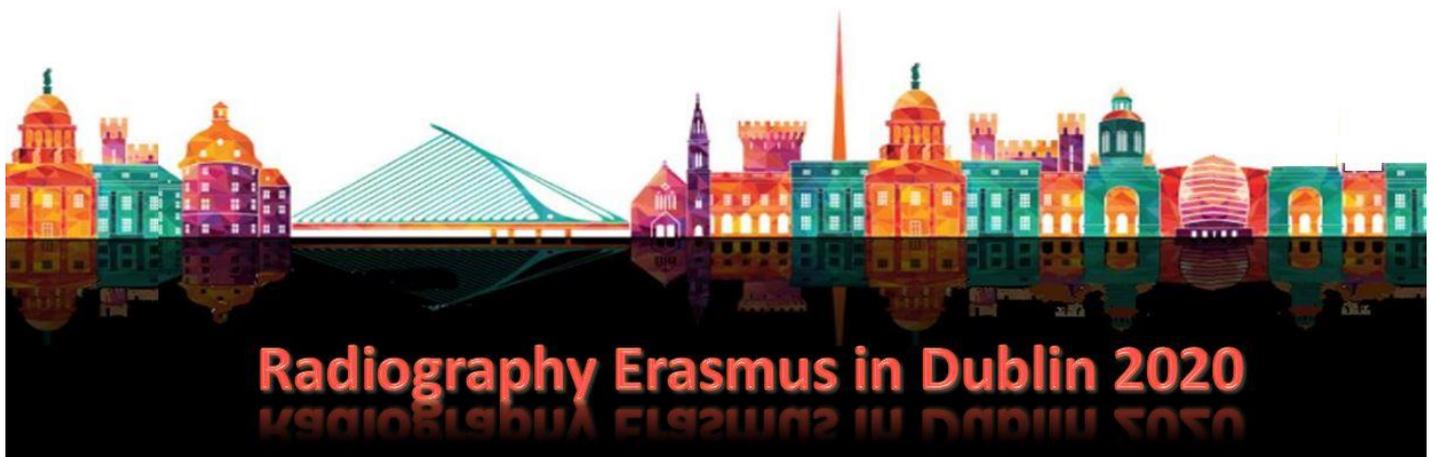
On successful completion of this module, you should be able to:

- Demonstrate knowledge of a range of imaging modalities and their appropriate application for cardiac interventional imaging techniques.
- Compare cardiac interventional imaging techniques found within Irish healthcare and other European centres.
- Critically evaluate the utility of imaging examinations to patient management.

Skill Outcomes:

On successful completion of this module, you should be able to:

- Competently assist with a range of general and specialised radiographic examinations.
- Adapt general techniques depending on the patient presentation and clinical environment.
- Care for patients during a variety of radiographic examinations.
- Interact effectively with patients, demonstrating a caring, safe and empathetic manner.
- Compile a clinical portfolio of cases undertaken.
- Critically evaluate and present selected cases.



Professional Development Outcomes:

Completion of this module will help you to:

- Perform as an effective member of the imaging department team.
- Gain confidence and competence in performing a range of examinations including various specialised procedures.
- Use reflection on clinical experience as a tool to progress your professional development.

How will you learn

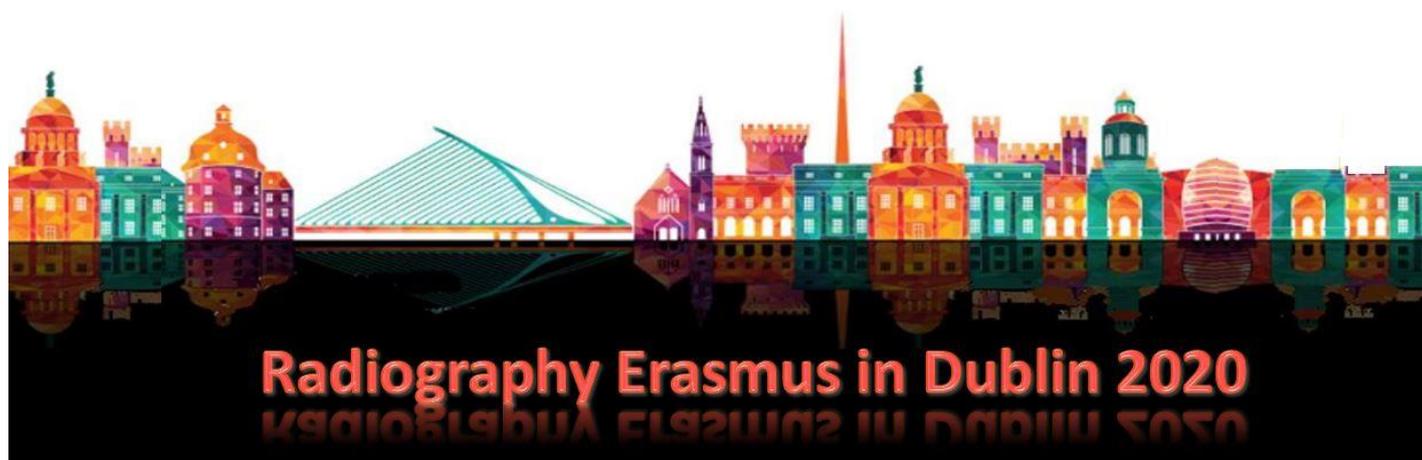
Lectures, discussions and tutorials will be augmented by student driven learning and assignments. Success in the programme relies on full participation in the assignments. This is a 15 credit module, with approximately the following breakdown:

Effort	Hours
Lectures	20
Specified Learning Activities	20
Autonomous Student Learning	50-100
Clinical Placement	230
Total	320-370

How will you be assessed?

Assessment is currently under review and may change in 2020.

Assessment in 2019	Proportion of module credit	Explanation
Image based written test	40	The invigilated written test takes place towards the end of the taught component of the module. Students view images full size on a monitor and answer questions in a written paper.
Multiple choice question test	40	The invigilated test takes place towards the end of the taught component of the module.
Clinical Portfolio	20	The electronic Clinical Portfolio is completed week by week during clinical placement.



What happens if I fail?

To get the credits for this module you have to achieve a pass grade overall. If you fail any component of the module then you will be asked to take that assignment again. This will usually take place before the end of the Erasmus period. Where this is not possible, arrangements to retake the assignment in a non UCD centre will be enacted.

RDGY 30570 IRISH RADIOGRAPHER AND CULTURE

This is a 5 credit module.

This module is taken by all visiting European students attending UCD as part of the Radiography Erasmus exchange programme. Irish students completing Erasmus in UCD may take the module for credit, or join the module to support its delivery. This module is designed with the aim of facilitating all students in appreciating aspects of culture and professional Radiography practice in different European countries.

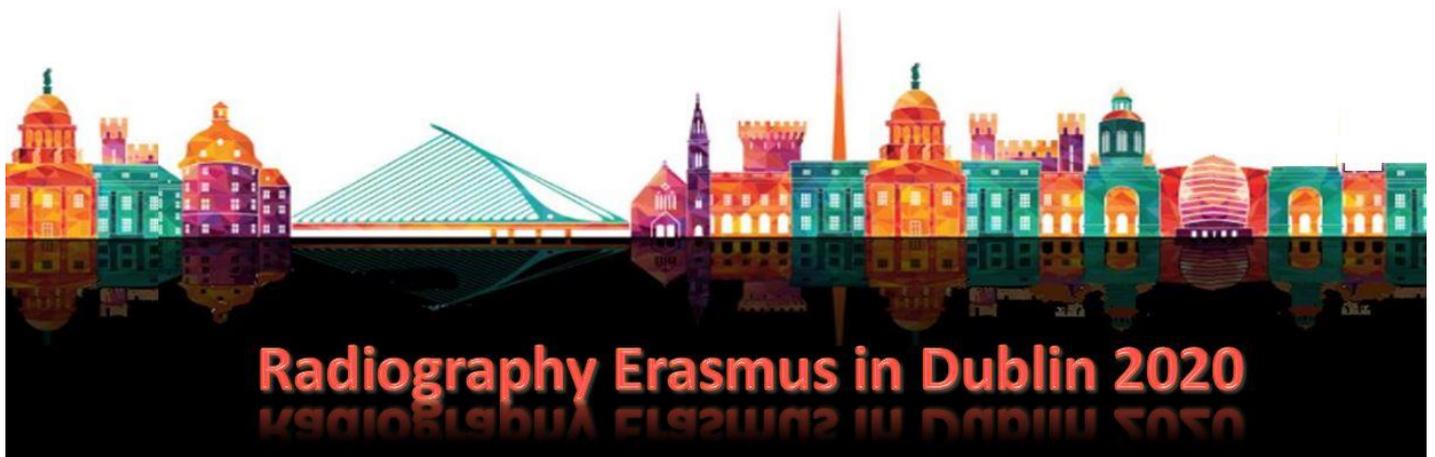
In the Radiography strand, students are provoked to consider similarities and differences between the health services and Radiography professions in different countries, with focus on various aspects such as professional development and role, regulatory legislation, patient care and clinical research. The material will help visiting students prepare for their clinical placement during Erasmus.

In the Culture strand, students are invited to consider aspects of Irish heritage, identity, sport and music, and evaluate these against similar topics in other European countries.

What will you learn?

The overall aims of this module are to facilitate students in developing broad appreciation of:

- the comparative development of Radiography in different countries;
- similarities and differences between Radiography in Ireland and in other countries;
- the Irish healthcare system and aspects of radiographic practice;
- the involvement of Irish radiographers in research both nationally and internationally;
- key elements of Irish culture and heritage compared with that of other countries;
- the place of Irish traditional music and sport in the national identity compared with those in other countries.



Learning Outcomes

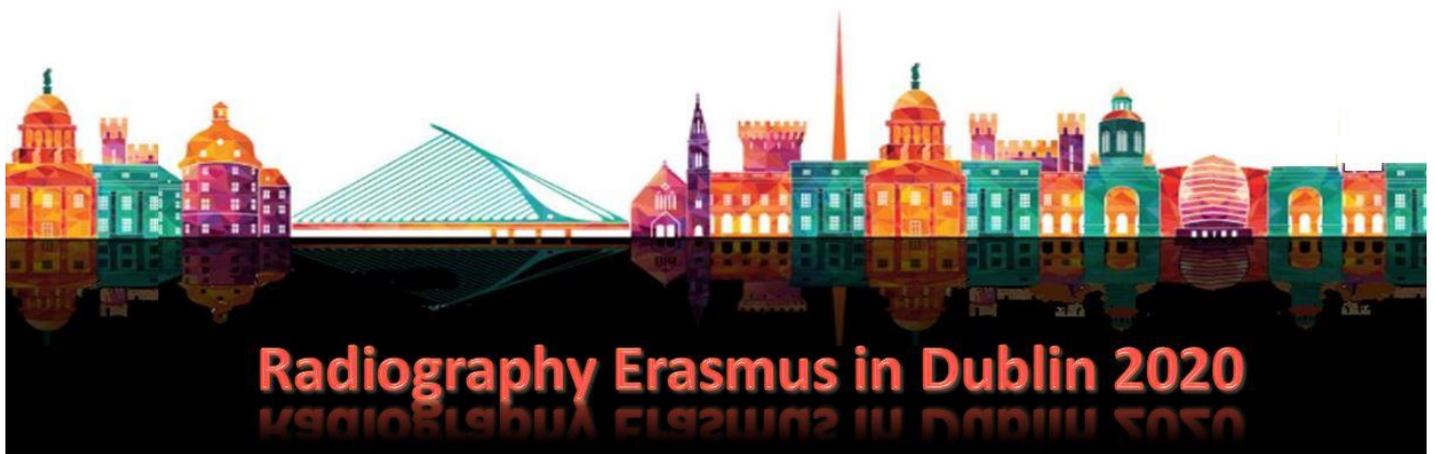
Upon completion of this module, students should be able to:

- Appreciate some cultural aspects of Irish life, past and present, drawn from consideration of literature, folklore, media, music, sport or history.
- Appreciate cultural and social differences between Ireland and other countries.
- Use simple rudiments of Irish language
- Discuss the Irish healthcare system in comparison with systems in other countries.
- Compare the development of Irish Radiography and Radiographer education with that in other countries.
- Use correct radiographic and anatomical terminology and understand commonly used abbreviations in clinical practice.
- Compare radiographic practice across some European countries.
- Undertake clinical practice within the legal and professional obligations that govern practice in Ireland.
- Undertake clinical practice with an appropriate approach to expectations of Irish patients.
- Show awareness of a range of Radiography research involving Irish authors.
- Show understanding of how research can influence and improve clinical practice.
- Consider how Radiography research in European countries compares.

How will you learn

This is a 5 credit module. In the first four weeks of the exchange, topics are introduced by a lecturer at the start of each week. Students then work in mixed nationality groups to investigate and discuss the topic before giving a short feedback presentation at the end of each week. Field trips to cultural sites and activities take place the first four Fridays. The approximate breakdown within the module is:

Effort	Hours
Lectures	10
Groupwork activities	45
Field Trips	25
Seminars	8
Autonomous Student Learning	20
Total	108



How will you be assessed?

Assessment	Proportion of module credit	Explanation
Engagement	Must complete	You must attend all scheduled sessions, activities, presentations and fieldwork. Satisfactory evidence of engagement, as directed by the module, must be compiled by you. Any missed attendance will require compensatory activity under direction of the module coordinator.
Presentations	30%	The conclusion of each groupwork activity involves comparison between an aspect of Ireland with the same aspect in other countries. You will be graded on the part of the work related to your own country in each case. Each activity can contribute up to 5% to the module grade.
Reflective Diary	70%	You will compile a reflective diary in the form of an illustrated and potentially multi-media digital scrapbook that expresses and reflects on what you learned through living, studying and doing clinicals in Ireland. The record of engagement that you compile throughout the module will be included in this blog. Guidelines on necessary and additional entries will be given.

What happens if I fail?

If you fail to achieve completion of all activities and fieldwork, you cannot pass the module or gain the ECTS. The module coordinator has discretion to offer you the opportunity to undertake compensatory activity to remediate missing components. This may or may not be possible within the Erasmus period, and may or may not involve activity during the scheduled breakweek or at weekends.

If you fail to achieve a pass grade overall because of a low grade for one of the assignments, the module coordinator has discretion to let you resubmit that assignment. Again, this may or may not be possible within the Erasmus period. The module coordinator will decide the timescale for resubmission taking account of the needs of the student to achieve the learning outcomes.

