



University of Galway  
*Postgraduate  
Prospectus*

2023



OLLSCOIL NA  
GAILLIMHÉ  
UNIVERSITY  
OF GALWAY





# Introduction to Postgraduate Study at University of Galway

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## How this prospectus is designed

The Postgraduate Prospectus has been carefully designed to help you with your decision to undertake postgraduate study here at University of Galway, 'the Sunday Times University of the Year 2022'.

The first section is an introduction to the people and the place, and includes stories about the university's students, campus, research, and community. You can read about University of Galway's ethos, based on our four core values of respect, excellence, openness, and sustainability.

Sections 2 and 3 contain detailed information about the taught courses and research opportunities available in each discipline. Section 4 contains practical information about how to apply and about the postgraduate experience, including student supports and sports here at the university.

The last section contains listings of all our postgraduate courses.

## Thinking about postgraduate study

People undertake postgraduate study for all sorts of reasons, which is why our postgraduate population here at University of Galway represents almost every possible age and geographic demographic and forms a diverse, interesting, and motivated section of our community.

About half of our postgraduates come from undergraduate courses in the university. Having acquired a taste for learning and for their subject, they want to improve their employment opportunities through further study. Some people take a postgraduate course while continuing to work in order to enhance their career opportunities. Some want to make a sideways move in a career or start over in a new one. Some come from abroad to diversify their research interests. Some are returning to education after an important life event. Some undertake postgraduate study simply for love of learning and their subject. Whatever your reason, there's a course for you at University of Galway.

## Thinking about postgraduate study at University of Galway

There are a thousand good reasons to study at University of Galway, from very practical cost

reasons to the knowledge that here you will receive world-class tuition in state-of-the-art facilities, all within one of the most attractive campuses in the world. In Sections 1 and 4 we'll tell you more about the city, the cost of living, and life in Galway.

## Thinking about the best type of postgraduate course for you

Think about the reasons you are considering postgraduate study, and the type of student you are, because knowing what you want to get out of your study can be a big help in choosing the right course. Whatever your reason, there's a course here for you, and with more online and blended courses than ever, there's an option for everyone.

### *Taught master's degree*

Taught master's courses lead to the award of a master's degree through the traditional type of learning led by the faculty staff. They involve attending lectures, self-directed study, assignments, and in-college examinations.

### *Research degree*

Students can gain both master's and doctoral degrees through research programmes.

### *Higher diploma and certificate*

Some disciplines offer higher diploma and Level 8 certificate courses.

## Full-time and part-time courses

Some courses have full-time and part-time options, with part-time courses usually spread over two years.

## Modular courses

Modular courses offer the option of taking a number of modules over a set number of years.

## Online courses and blended learning courses

Both online and blended learning courses involve self-directed learning with materials supplied online. Blended courses include an element of face-to-face contact hours.



# Foreword



Your decision on postgraduate study is an important one. Thank you for considering Ollscoil na Gaillimhe – University of Galway for your future studies. From the day you arrive here, you will be part of a thriving research community where you will be encouraged to fulfil your potential.

The first thing you will see is our new name, our new identity. This university has been in Galway and of Galway since the mid-nineteenth century. Ollscoil na Gaillimhe – University of Galway has a sense of simplicity: we are a university and we are in Galway. It also makes clear that we are of- and for-our place, by living up to our values of respect, openness, excellence, and sustainability.

We are a global university, committed to outstanding students and staff, working in world-class facilities, conducting leading edge education and research.

We will be a driver of transformational change for our people, our region and our world, harnessing our distinctive strengths and creative energy to deliver significant and sustainable societal impact.

We want you to be and to feel part of that.

- As a **respectful** university, we recognise the distinctive needs of our people, and we will support your well-being and development throughout your postgraduate student journey. We also respect evidence and expertise, and we will call on you to develop critical thinking and apply rigour to your studies while here.
- From our location on the edge of Europe, our university is **open** to the world. Ours is a diverse learning community, and we value the dynamism our 3,500 postgraduate students bring to Galway each year from over 90 countries. We work hard to ensure that ours is an accessible and inclusive campus, and during your time here you can expect to engage with a diversity of views and experiences. We are keen collaborators, and you'll see first-hand that our research benefits from insights, partnerships and networks from around the world.
- Together, we are on a journey to become leaders in **sustainability**. Our university is rooted in the unique culture, communities and landscape of the west of Ireland and our research is focused on many of the world's most pressing challenges, as framed by the UN Sustainable Development Goals. We recognise our important role in shaping the sustainability leaders of the future and we will encourage you to be part of the solution—through your own learning and through innovations on campus and in our community.
- We strive for **excellence** and impact in what we do. Galway is a global hub for medical technology, data and IT and a city renowned for culture and creativity. We want you to be part of our dynamic university community, learning from world-leading academics, gaining new skills and perspectives, and building a career that will sustain your own passions and excellence into the future.

We are proud to invite you to join our global postgraduate community. I look forward to welcoming you to University of Galway.

Professor Ciarán Ó hÓgartaigh  
Uachtarán—President



# Contents

## **Introduction to University of Galway**

- 1** Introduction to Postgraduate Study at University of Galway
- 2** President's Foreword
- 3** Contents
- 4** **Respect**—University of Galway: A University with Values at its Core
- 8** Purpose, People, Place
- 10** **Openness**—University of Galway: A University with No Gates
- 14** University of Galway—A Global Education
- 16** Galway—A City and a State of Mind
- 18** Flexible Online Programmes
- 20** **Sustainability**—Sustainable University of Galway
- 24** **Excellence**
- 28** Sports
- 30** Rankings
- 32** Employment and Careers at University of Galway
- 34** Investing in Your Future—Our Growing Campus
- 36** Scholarships & Funding

## **Our Taught Courses**

- 38** College of Arts, Social Sciences, and Celtic Studies
- 110** College of Business, Public Policy and Law
- 154** College of Medicine, Nursing & Health Sciences
- 202** College of Science and Engineering

## **Research Opportunities**

- 260** Research Studies
- 262** Enhancing policy and society
- 268** Enriching creativity and culture

- 274** Improving health and well-being
- 280** Realising potential through data and enabling technologies
- 284** Sustaining our planet and people
- 291** Research Institutes & Centres
- 293** Hardiman Research Building
- 294** Research Programmes
- 297** Research Programme Listings
- 301** The Research Application Process
- 304** Funding and Scholarships (Research)
- 307** The Hardiman PhD Scholarships at University of Galway
- 308** Commercialising Your Research

## **Your Postgraduate Experience**

- 311** What's Next?
- 312** How to Apply (Taught Courses)
- 314** Postgraduate Fees
- 315** Student Support and Resources at University of Galway
- 316** Postgraduate Funding: taught courses
- 318** International Postgraduates at University of Galway
- 322** Learning at University of Galway
- 324** IdeasLab

## **General Information**

- 325** General Index
- 326** Index of Taught Programmes
- 329** Course/Programmes Index—alphabetical order
- 332** Part-time Courses, by College
- 334** Online/Blended Learning Courses
- 335** Conversion Courses
- 336** Meet Us
- 337** Scholarships Scheme

**Important:** This hard copy prospectus lists all programmes on offer, at the time of going to press, for entry in 2023. Details of new programmes on offer subsequent to the printing of this prospectus will be listed online at: [www.universityofgalway.ie/newcourses](http://www.universityofgalway.ie/newcourses). The information contained in this prospectus is, to the best of our knowledge, true and accurate at the time of publication. The content of the prospectus is for information purposes only and should not be viewed as the basis of a contract between students and the university.

University of Galway reserves the right to amend programmes or regulations at any time without notice; we may re-open previously closed programmes to accept applications in the event of programme quotas not being met. The university also reserves the right to withdraw programmes periodically for any reason (e.g., insufficient numbers).

The university reserves the right to amend course offerings, syllabuses, course delivery methods, examinations, fees, regulations or rules or substitute modules in response to COVID-19 or to any other circumstances outside of the reasonable control of the university. The university will follow government guidelines and public health advice in this regard. Should such an event occur, we will provide you with information in as timely a manner as possible. We ask for your patience as we all continue to navigate through these unprecedented times together. For further information, please see [www.universityofgalway.ie/alert](http://www.universityofgalway.ie/alert).

*Fáilte Ireland kindly supplied some of the photographs included in this publication. Some entries to the student-staff Capture Your Campus photo competition feature. Staff member Chaosheng Zhang also kindly provided some photography.*

# Respect



## University of Galway: a university with values at its core

University of Galway has been a presence in Galway city for over 175 years. From small beginnings at the edge of the city, the university has grown to play an important role in the lives of the people of Galway, and also in the lives of hundreds of thousands, perhaps millions, of people around the planet. Through its research, University of Galway is a force for good that touches many. In 2022, spurred by changing priorities, University of Galway affirms its place in its city and in the world and commits to developing a culture based on values: the four pillar values of respect, excellence, openness, and sustainability. These values are those of the students and staff who, now, in 2022–23, are shaping our university. Encompassing the views of as many as possible and gathered through the *meitheal* method of the ancient Irish, the values truly represent our university as we make a new start.





## Respectful University of Galway

Respect is the greatest of our values. It is a multifaceted attribute: at University of Galway we have respect for each other; for teaching and research; for the evidence and the literature; for knowledge and its purpose in the world; for equality, inclusion, and diversity. We place it at the core of our way of working: respecting the university community; collaborators from outside organisations; our city and its people. Respect infuses our vision for our university and for the day-to-day experience of our students. It is more than an aspiration—we want to turn respect into part of our everyday world.

What does our core value of respect mean for you as a postgraduate student? We want you to benefit from our emphasis on respect and to ensure that you experience both excellent teaching and the best possible learning environment. One of the practical ways in which we do this is through our focus on programmes for mental, physical, and social health and well-being. We will strive to remove obstacles to your learning and promote your well-being throughout your chosen course. We also want learning to take place in an open, collaborative manner, with teachers and students communicating with and listening to each other.

We want all our students to graduate as good citizens and independent critical thinkers, able to contribute positively to society and the economy. We believe that our students will carry their experience of respectful Galway throughout their lives to the benefit of their careers and relationships.





Student Gad Muzinga, representing the University of Galway Neurodivergent Society

## A new sensory space provides calm in an emotional storm

Despite the uncertain times we live in, there is a clear move throughout education toward inclusion and equality. This aligns with the core values of respect and openness at the heart of our university. This is not just aspirational—it has a very practical manifestation in the continuing work to develop a physical environment that meets the needs of all students and staff.

In aiming for the best possible learning environment for everyone, the university is making determined efforts to break down barriers to inclusion. It has invested in facilities and supports to make the campus friendlier for autistic people, and the latest of these facilities is the Cubbie.

The Cubbie is a multi-sensory 'cubbyhole' or booth designed for one user at a time. Users can choose the sensory audio and visual programme they prefer, including images of clouds or floating jellyfish, or whatever works best for the individual. The Cubbie is also accessible to wheelchair users.

The science behind the Cubbie is the idea of Personalised Sensory Regulation (PSR), a new method of emotional regulation for people with autism and sensory needs. The aim is that outcomes are predictable and reliable, achieved in short Cubbie Sprints. The Cubbie was designed to help people who may feel overwhelmed to regulate their emotions and so better participate in daily activities.

The Cubbie was launched in University of Galway to mark World Autism Day with President Professor Ciarán Ó hÓgartaigh saying:

*“In line with our values of openness and respect for others, significant strides are being made to ensure that not only do we welcome everyone to University of Galway, but we also endeavour to ensure that their experience as part of our campus community is an equitable and rewarding one.”*



# University of Galway launches *Speak Out* tool

Respect is one of our four core values at University of Galway, and we want all our students to receive their education in a fully respectful environment. Unfortunately students and staff sometimes experience disrespect, whether that takes the form of bullying, stalking, sexual harassment, etc. While these behaviours range from unpleasant to criminal, every person's experience is important.

The 2020 Sexual Experiences Survey found that new options were needed to help people disclose what happened to them. At the same time, the Department for Further and Higher Education created a strategy to collect data and support people who experience harassment of any nature. The *Speak Out* tool is an important part of that strategy and was launched here at the university in November 2021.

## What is the tool for?

The tool has three main purposes: 1) to direct people to support services, 2) to collect data on incidents, and 3) to provide information on further reporting in serious cases, such as to the Garda Síochána.

## What behaviours does it cover and who can use it?

*Speak Out* allows students and staff to report bullying, cyberbullying, harassment, discrimination, hate crime, coercive behaviour/control, stalking, assault, sexual harassment, sexual assault, and rape. Reporting through the tool is anonymous and it is available to all students and staff at University of Galway at <https://nuig.speakout.ie/>

## Why is it important?

Gemma MacNally from the University of Galway Student Counselling Service explained: *"[The tool] is an important part of [ensuring that] harassment becomes more visible and openly discussed. [W]e will continue to work on ... education and training on positive behaviours, supports, and the mutual respect that must underpin the University of Galway experience."*

President Professor Ciarán Ó hÓgartaigh emphasised how the tool empowers students and staff, saying: *"All members of the university community have the right to ... an environment free from bullying, harassment and sexual harassment. *Speak Out* empowers our community in reporting such incidents."*

The tool also has the very practical value of helping the university to develop better supports and procedures based on the direct experience of the university community.



# Purpose, People, Place

Our five-year strategy *Shared Vision: Shaped by Values* affirms our purpose, evoking also our sense of people and place. As a university our purpose is teaching and research—enabled by our people and infused with our sense of place.

## Research with Impact

We recognise that research areas are neither standalone nor static and that the problems of the world are not solved from just one perspective. Knowing the global, national, and regional challenges we face, our research follows an interdisciplinary approach with a view to maximum positive impact. University of Galway is a leader in research into medical devices, data analytics, digital humanities, energy and marine research, societal research, human rights, and global women's issues.

The breadth, depth, and interdisciplinarity of our expertise across the sciences, social sciences, and humanities is key to our success and ability to drive impact. Our expertise enables us to respond to emerging fields of research. We work with industry to develop practical outcomes. Our research underpins our teaching, drives academic discovery, and informs local, national and international innovation; above all, it effects positive societal change.

## Research Community

Our research community spans our academic disciplines. Our researchers are postgraduates working in research clusters and centres and in interdisciplinary flagship research institutes. As an University of Galway postgraduate, you will become part of a diverse community studying in a dynamic research environment. Our *Strategy 2020–2025* acknowledges our distinctive location as a global hub for technology, innovation, and creativity. [www.universityofgalway.ie/research](http://www.universityofgalway.ie/research)

## National Centres of Excellence

Our campus hosts major national centres of excellence such as the UNESCO Child and Family Research Centre, the Irish Centre for Human Rights, the Irish Centre for High-End Computing, the Lambe Institute for Translational Medicine, and the Centre for Cell Manufacturing Ireland.

University of Galway is a globally focused research-led university. Engaging with partners locally, nationally, and globally, we invite ambition in research that underpins the following areas:

- Enhancing policy and society
- Enriching creativity and culture
- Improving health and well-being
- Realising potential through data and enabling technologies
- Sustaining our planet and people





**Purpose**—our research benefits humanity, society, and the economy.



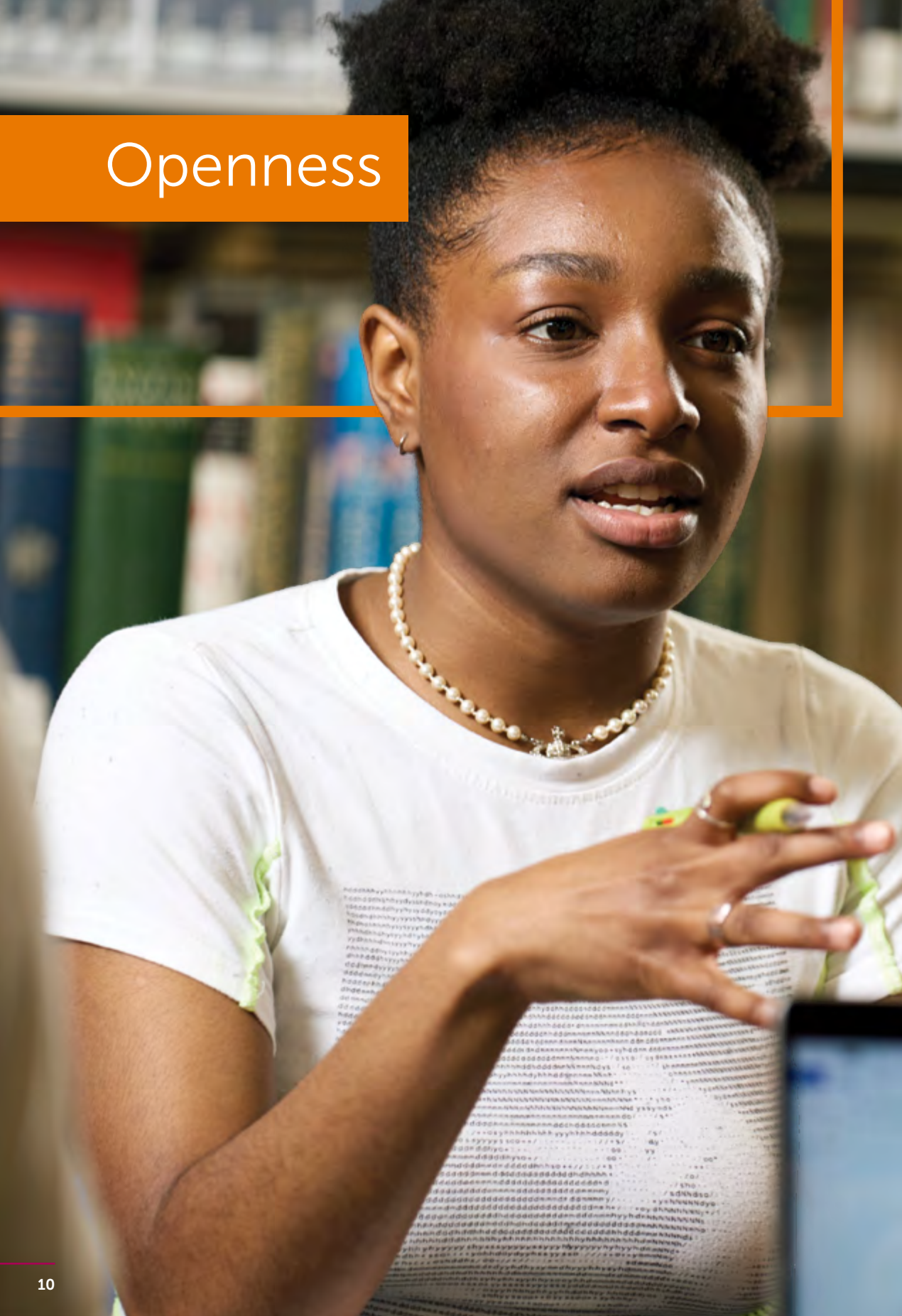
**People**—we are innovative in our thinking and collaborative in our approach.



**Place**—from the west of Ireland, we rank among the top universities in the world.



# Openness







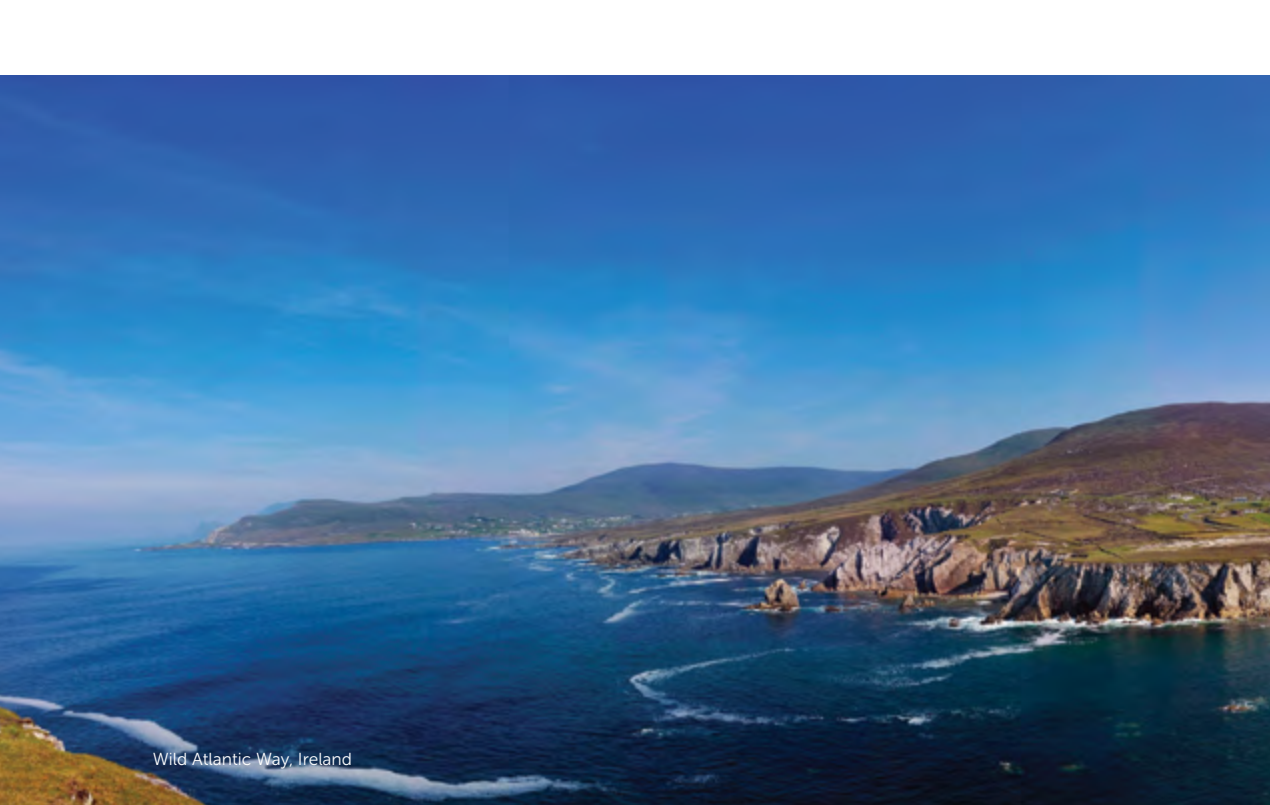
## University of Galway: a university with no gates

At University of Galway we believe in open gates and open minds. In keeping with our core value of openness, we go out into the world for inspiration. We go out to join with industry and academic partners, to seek global research collaborators, to talk to people and communities, to engage with ideas and insights that flourish beyond our walls.

At the same time we act on the other side of openness—we welcome in. We welcome people from alternative paths, we welcome diverse voices, we welcome unique insights. We welcome challenges to our beliefs and we remain open to being convinced.

We want to turn our words into actions—practical actions like using universal design principles to improve our campuses for everybody and a programme of retrofitting older buildings to enhance physical access. We want to improve access to university education for people who might have been or felt excluded. We take these actions knowing that the benefits of openness flow both ways.

We believe that learning in a diverse environment will enhance your postgraduate experience. The connections that you make in your college life stay with you always—we want students to benefit from this culture of openness through an experience that is as broad and expansive as possible. If you come from industry, we want you to take back new ideas about the world and your place in it. If you come from outside Ireland, we want to relate your learning experience to your life experience. If you come via an unconventional route, we extend a warm welcome and look forward to learning from and with you. If you come straight from your undergraduate degree, we are delighted that you chose University of Galway to continue your learning.



Wild Atlantic Way, Ireland

## Universities north and south to partner in unique new project

In line with our pillar value of openness, University of Galway will join Ulster University as lead partners in a project on regional development in the Atlantic Corridor.

Openness is prized at University of Galway, and is one of our four pillar values. We feel ourselves part of a greater whole, and in response we look out into the world, curious and engaged.

We know that a single university can make a huge contribution to knowledge—imagine what can happen when four universities on the island of Ireland work together to achieve a common aim. This is just what is happening in the Atlantic Innovation Corridor project, under the government’s North–South Research Programme. Galway–Mayo Institute of Technology and the University of Limerick make up the partnership of four.

University of Galway and Ulster University will lead the project, and there will be hubs north and south, in Derry/Londonderry, Limerick, and Galway. The aim of the project is sustainable regional development in the Atlantic Corridor, and research will focus on challenges for business in the region including rural entrepreneurial ecosystems, business scaling, digitalisation, freight connectivity, and mental health.

Some unique issues will be explored, such as examining the impact of Brexit and Covid on female entrepreneurship in the region and exploring international freight transport connectivity through the north-west of the island, including rail connectivity and the potential of Foyle Port.

University of Galway’s Professor Jim Livesey, principal investigator for the project, described how the research would provide a guide for the major transitions facing us:

*“Our collaboration will produce engaged research that will help guide us through the transitions, digital, green, and energy, that are before us.”*

Aligned with our value of openness and spirit of generosity, Professor Livesey sees the project as forming “a base from which we can share our insights and experience with other regions of Europe and the world which have difficult histories and borders but seek to make progress together. We see this ... as a foundation from which we will build partnerships and engagement”. This is more than a research project—it looks beyond borders to the greater possibilities that partnership brings.



## University of Galway secures funding for alliance of European universities with social engagement in mind

In line with its pillar value of openness, University of Galway is always receptive to partnerships with other universities and welcomes recent government funding to strengthen its membership of the ENLIGHT alliance.

For many students, a key aspect of their university programme is the chance to travel and learn at another university, with all the benefits that exposure to an alternative way of doing things can bring. University of Galway's membership of the ENLIGHT alliance offers excellent opportunities to experience life in another research-focused European university.

ENLIGHT is an alliance of nine European universities that aims to transform higher education and initiate an open integrated European University System that allows free movement of students and staff and sharing of resources. ENLIGHT's member universities are spread widely across Europe, in Belgium, Estonia, France, Germany, Ireland, Netherlands, Slovakia, Spain, and Sweden.

The alliance aims to empower learners as *globally engaged citizens* who are equipped to

tackle major societal transitions and to promote equitable quality of life and sustainability—aims that assume particular importance as European citizens face the green and digital transitions.

ENLIGHT's members are all research-intensive universities, and all are based outside of capital cities, giving the members a particular perspective on the world and community. University of Galway President Professor Ciarán Ó hÓgartaigh is currently the chair of the ENLIGHT alliance. He sees the alliance as being a *"regional driver of development, working closely together to tackle societal challenges. [We] see international ambition as a means of maximising regional impact."*

University of Galway recently received substantial government funding for the alliance, which will strengthen our participation in ENLIGHT and increase opportunities for students and staff to study and work across Europe. ENLIGHT membership also provides a platform for partnerships to attract wider funding under the Erasmus and Horizon Europe programmes.

# University of Galway: a global education

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University of Galway has an academic community of world-leading researchers working at the forefront of their fields. With extensive worldwide partner institutions, University of Galway offers you opportunities to collaborate internationally through its postgraduate programmes. As part of your course, you may have the opportunity to travel or be part of a virtual global team.

You will learn with the best—we attract academics who are world leaders in their fields and who are working to address global issues.

We are embarking on our new Global Galway project: *"University of Galway is on a journey to create a more globally diverse, and culturally rich, learning and working experience. A place where everyone has a sense of belonging. Where we welcome the world in and go out into the world. Where we nurture global citizens. Where everyone has a place to thrive."*







**4,145**

international students and 483 international staff from 122 countries



**110,000**

alumni spread across the globe



Ranked **270** among universities worldwide



Research collaborations in **114 countries**



In the **top 2%** of universities globally



**235+**

Erasmus bilateral agreements, increasing annually



**4,756** collaborations with institutions around the world to publish impactful research including:

- Georgia Tech, Harvard University, and Stanford University in the US;
- University of Cambridge, Imperial College London, and the University of Edinburgh in the UK;
- Kyoto University in Japan and Tsinghua University in China.



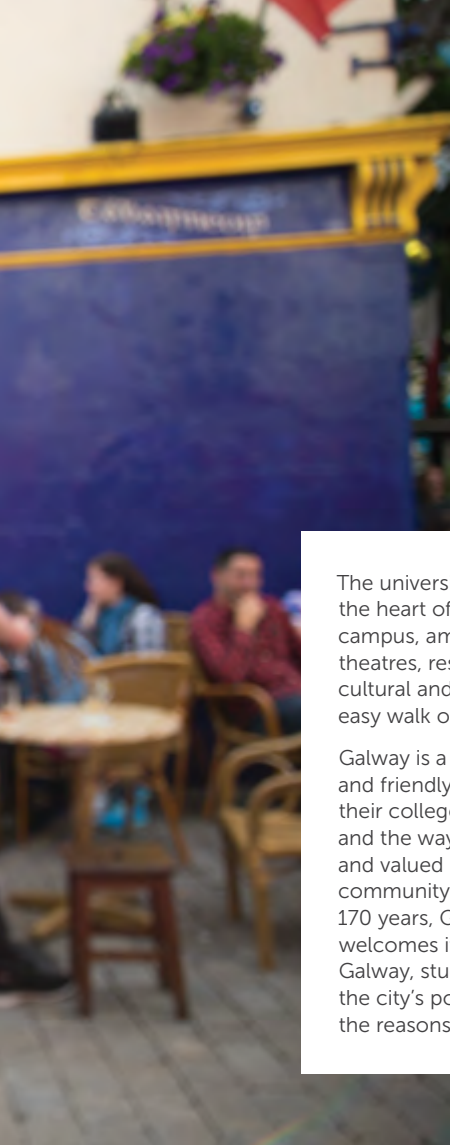
# Galway: a city and a state of mind

“ University of Galway’s beautiful campus is right beside the Corrib river and only ten minutes away from the sea and Galway’s city centre.”

Anna Maria Rengstorf,  
PhD student







Galway is both a city and a state of mind. Beautifully set on Ireland's western shore, Galway is at once ancient and modern, quiet and lively, reserved and bold. Here at the edge of Europe, University of Galway has a proud history of reaching out and connecting with the world, as reflected in our value of openness. University of Galway is a "university with no gates", and our students go out into the city, open to all it has to offer—its atmosphere, its vibrancy, its friendliness.

Galway combines the energy of a young, diverse population with an older, quieter place settled deep in history and tradition. It is a place where arts and culture are celebrated, cared for, and shared. Galway is also truly the festival capital of Ireland, with festivals and fringe events running through the year: [www.galwayfestivals.com/calendar](http://www.galwayfestivals.com/calendar).

The university is superbly located in the heart of the city centre. From the campus, amenities such as shops, theatres, restaurants, music venues, and cultural and sporting venues are just an easy walk or cycle away.

Galway is a city, but one that is small and friendly. Students love the way that their college blends with its environment and the way that they are recognised and valued neighbours in the wider community. A university city for over 170 years, Galway appreciates and welcomes its student population. In Galway, students make up one-fifth of the city's population—which is one of the reasons why the city hums with life.



### Galway's cost of living

The cost of living in Galway is considerably less than in Dublin. Rent prices are 24% more expensive in Dublin city than in Galway city (*Source: daft.ie 2022 Q2 Rental Report*).

As the campus is located in the heart of the city and well serviced by bus routes, most students can get to the campus easily on foot, by bicycle, or via public transport.

### Ireland's 'most charming' city

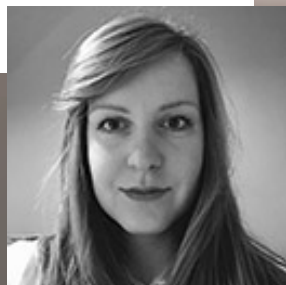
Learn more about our charming city at: [www.universityofgalway.ie/mostcharming](http://www.universityofgalway.ie/mostcharming)



# Flexible Online Programmes

*“With online part-time study I could work in full-time employment and manage all my responsibilities. Continuous assessment and real-life scenarios are a great way to learn and connect theory and practice. Lecturers are very knowledgeable, motivated, and supportive. Even though the course is delivered online, lecturers are always there for you. After every online session with the lecturer I felt motivated to study and find out more about the topic.”*

**Kamila Hanáková**  
Diploma in Marketing





## Live and learn

In keeping with our value of openness we want a postgraduate population that is as diverse as possible—current undergraduates, workers, parents, people who want to push their career forward, people who want to make a sideways move in their career, people with a passion for a topic. To meet the needs of this diverse group we offer a wide range of part-time, flexible courses that can, for the most part, be accessed anytime, anywhere.

This type of postgraduate programme is taught either fully online or via blended learning. While online courses are delivered entirely online, blended learning courses offer the opportunity to attend periodic face-to-face workshops on campus. This type of course especially suits people who are already working or who have other commitments. The flexible delivery modes allow you to study at the times that suit you best.

In an online course, you receive all your course materials online. The materials are designed in a self-instructional, easy-to-follow format. You can engage in online discussions with your fellow students and course tutor. You will also receive course feedback, activities, and assignments online. In a fully online programme, you do not need to attend the campus for examination: these are also carried out online, using continuous assessment or timed examination formats.

Flexible learning options are different from traditional learning, but for some people they work perfectly. Students adapt to different but equally good ways to communicate with the university, interact with other students, complete assignments, and study. If you work well independently, have strong organisational and time management skills, and are comfortable working with technology, then this flexible mode of learning could be the answer for your postgraduate study.

## Technologies and teaching

The Centre for Excellence in Learning & Teaching (CELT) at University of Galway supports a range of technologies that facilitate the online and blended courses. The centre provides University of Galway staff and students with the latest and most effective tools for learning and teaching. The college has its own online learning platform (Blackboard) as well as tools for video-collaboration, podcast creation, interactive multimedia, and other tasks.

**Please see page 334 for a list of postgraduate online learning and blended learning programmes.**

[www.universityofgalway.ie/onlinelearning](http://www.universityofgalway.ie/onlinelearning)



# Sustainability



## Sustainable University of Galway

At University of Galway we will embed sustainability in our culture, operational policies and governance structures and we will empower our communities to be champions of sustainability. We will learn, live and lead sustainability across the University mission. The focus of learn is to continue to embed sustainability literacy into all aspects of university learning and research, the focus of live is to implement the principles of sustainability throughout campus operations and engagement activities; from a lead perspective the aim is to play a central and transformational role in attaining the SDGs by 2030.



## What we have done in recent years

- University of Galway was ranked first in Ireland and 47th in the world in the Times Higher Education Impact Rankings 2022 and achieved a rank of fifth in the world in the submission for SDG12: Responsible Consumption and Production.
- University of Galway won the 'Best Sustainability Award' at the Galway Chamber Awards 2020, recognising the University's leadership in sustainability and long tradition of partnership with community groups and organisations in the region.
- We are delighted to have launched a new 'Introduction to Sustainability' module, which is now widely available across the university.
- We have developed our first carbon footprint—we will use this to create a climate action plan and a roadmap to reach net-zero greenhouse emissions for the university.
- To improve biodiversity across the campus we have introduced new wildflower enhancement schemes; pollinator enhancement schemes; an orchard; bird boxes, bat boxes and bee/insect hotels; and habitat enhancement measures for the brown hairstreak butterfly.
- Our Biodiversity Trail is a walking trail, celebrating nature on the campus grounds. The Trail has been developed to promote the campus as an educational and recreational resource and as a health and wellbeing initiative to connect people to nature and help them feel restored. Ours is one of the most biodiverse campuses in Ireland, our Biodiversity Action Plan aims to enhance and safeguard our wide range of ecosystems, habitats and species.

## What we will do in the next five years

We commit to doing more to meet our core value of sustainability, in particular, we commit to these actions in our Strategy 2020–2025:

- We will develop a roadmap to move ambitiously toward carbon neutrality by 2030.
- We will embed sustainability across our learning, research, and the student experience.
- We will manage our environment in ways that are sensitive to our ecosystems.
- We will embrace proven new technologies to promote these goals.



## University of Galway earns gold rating for being green

University of Galway has joined 132 other top universities with a gold rating for achievements in sustainability.

Our sustainability journey started in earnest in January 2020 when sustainability was enshrined in the University of Galway Strategic Plan for 2020–2025, Shared Vision, Shaped by Values, as one of four key values. Alongside and linked to respect, openness and excellence, sustainability is now at the heart of our strategic approach at University of Galway. Interestingly the value of sustainability emerged because of the very strong student voice.

- 2015 when the Community and University Sustainability Partnership was established
- 2017 when our inaugural Sustainability Strategy was launched
- 2019 when our first Sustainability Officer was appointed
- 2020 when sustainability was named a pillar value of the University
- 2021 Second sustainability strategy launched 2021–2025

In parallel, year by year the student voice grew louder and more insistent as awareness of the threat posed by climate change seeped into many aspects of ordinary life.

In October 2021 the University joined 132 other top universities that have been awarded a gold rating by the Association for the Advancement of Sustainability in Higher Education (AASHE) under its Sustainability Tracking, Assessment & Rating System (STARS).

The STARS system assesses the environmental, social, and economic dimensions of sustainability. University of Galway was recognised for such initiatives as academic staff embracing sustainability in the curriculum, research on sustainability challenges, and use of the campus as a ‘living lab’.

The University was also recognised for its Green Campus Ireland award, leadership in new energy technologies, protecting biodiversity on campus, receiving the first Green Lab Certification in Europe, and partnership with the local community.

The announcement was welcomed across the University and spoken of as a spur to continue our efforts:

*“the Gold rating [is] testament to our endeavours ... I often speak about our University being here for the public good—our work, so critical for the future of our planet, now ... not tomorrow, now.”*

Professor Ciarán Ó hÓgartaigh, President

*“Students have a long history of tackling major issues facing society, and sustainability is something that they are hungry to pursue.”*

Róisín Nic Lochlainn, Students’ Union President

*“... tremendous. It is to be celebrated and should be used to spur us on to the next challenge”*

Professor Jamie Goggins, chair of Community University Sustainability Partnership Board



## Humanities researchers partner with tech in inventive response to climate change

We all know that we must change how we live to protect and preserve our planet. Sometimes this seems an impossible challenge for individuals and local communities, but a new project, in which University of Galway is taking part, is examining just how local communities can take action on climate.

The Shared Green Deal is an EU project looking at how organisations and individuals can work together to make daily life more sustainable. Its focus is social experiments in neighbourhoods across Europe, bringing climate activism to local level. Researchers in Geography at University of Galway are leading the Clean Energy strand of the research, working with four communities across Europe to develop their vision for energy in the future.

The University of Galway team is led by Professor Frances Fahy, a leading international researcher in social science and sustainability. She believes that tackling climate change cannot rely solely on technology.

For Professor Fahy, *“The challenges of sustainability involve all of us working together. [S]ocial justice and exploring how communities can respond at a local level are key pieces in the jigsaw of climate action.”* The team views social and technological systems as deeply interconnected, meaning that *“social, cultural, and behavioural changes are needed and they need to be co-evolving with technological changes”*.

For the University of Galway team the project provides many opportunities, including the chance to develop humanities graduates as sustainability leaders, and to work with communities on the transition to a sustainable future—the green transition. Partnering with the tech sector, the team will use a socio-technical approach to the design of the neighbourhood experiments. In line with the project’s title—the Shared Green Deal—it will emphasise the sharing of energy-saving know-how, and hopes to foster long-term commitment, trust, social acceptance, and buy-in from people, communities, and organisations.



# Excellence

## Excellence

If you were to distil every aspect of University of Galway into one essential attribute, it would be excellence. Excellence is our essence; we seek it in all aspects of our teaching, research, and outside engagement. Some figures from our rankings show at a glance how we have excelled to date: University of Galway is in the top 2% of universities in the QS World Universities Rankings, 270th in the world's top 1,400 institutions and in the Top 300 in the Times Higher Education World University Rankings for 2021/22.

TOP 300

2021



WORLD  
UNIVERSITY  
RANKINGS



In the  
**top 2%**  
of universities globally

Focusing on our responsibilities as a research-led university we commit to “building Galway’s reputation as an internationally recognised centre of excellence for medtech, data science, culture and creativity, climate and oceans, public policy, and innovation”. We want to give our students an excellent student-centred, research-led experience. We will promote this through focus on supports that develop critical thinking, leadership, professionalism and employability. We are and will continue to be recognised for our culture of excellence in innovation, and as “a destination of choice that nurtures, attracts and retains ambitious people”.

Our postgraduate programmes are distinguished by our three researchers—teachers on postgraduate programmes—who have received global recognition by being featured in the list of the World’s Most Highly Cited Researchers. As the figures show, University of Galway’s reputation is global, as is the impact of our research. For postgraduate students, excellence opens doors—an University of Galway qualification will be well regarded everywhere, enhancing career opportunities at all stages.

Our value of excellence extends beyond our teaching—to our built environment, to engagement with our community, to our contribution to culture, and to our interactions with state and international partners. It is multifaceted—it involves the pursuit of high standards in all aspects of university life, as well as acknowledging that there may be “new and better ways”, and seeking out those ways.







## Award-winning law student is perfect mix of scholarship and activism

Working at the University of Galway Irish Centre for Human Rights expanded one law student's interest in human rights. The award-winning student now works in a data and privacy NGO.

We are proud of all of our students at University of Galway, but it is rewarding to have our pillar value of excellence validated when one of our students receives a major award. Cassie Roddy-Mullineaux has recently been named *Law Student of the Year* at the Irish Law Awards 2021. Cassie received her BA/Bachelor of Laws (LLB) and Master's in International Human Rights from University of Galway.

The Law Student of the Year award celebrates the academic legal achievements as well as other overall achievements of a student studying law in a third-level college or university, and Cassie was awarded for her outstanding achievements while studying at our School of Law and the Irish Centre for Human Rights. Cassie was delighted with the award and paid tribute to the School of Law and the Irish Centre for Human Rights, saying that studying for her LLM completely changed her outlook on how she wanted to contribute as a lawyer. She warmly thanked the school community:

*"I'm extremely grateful ... for the generous support of the staff and community who afforded me so many opportunities ... and have truly helped to shape my legal career."*

Interim Director of the Centre for Human Rights Professor Ray Murphy captured the feeling in the school precisely when he said:

*"Cassie embodies the perfect mix of academic scholarship and human rights activism. We are delighted with the richly deserved recognition this prestigious award gives her."*

Among the headline projects Cassie worked on at University of Galway were researching arguments under the European Convention on Human Rights relating to the *Case of the Century* (climate litigation) and legal research on business-related human rights abuses.

Since graduating, Cassie has worked as a lawyer with AWO, a new data rights agency, advising clients on data and privacy issues. She also continued to work in the Human Rights Law Clinic throughout 2020–2021 on the Mother and Baby data protection hub, an online resource helping survivors of Mother and Baby Homes request their personal data from bodies that hold it.

## Medtech researchers at University of Galway awarded for life-enhancing innovation

Excellence is one of the four pillar values on which the ethos and philosophy of University of Galway rest. We prize excellence for many reasons: as the basis of all teaching and learning, as our duty to our students, as a testament to the quality of our staff. But equally, we prize excellence in research because of its immense practical value in making people's lives better.

Three projects at our College of Medicine, Nursing and Health Sciences were recently awarded Gold, Silver, and Bronze at the National Education Awards 2021. These awards celebrate excellence in the third-level education sector on the island of Ireland.

Dr Barry McDermott received Gold for **Best Research Project** for his work on a medical device to quickly diagnose stroke with the aid of artificial intelligence. He is based at the Translational Medical Device Lab, which sits at the "nexus of research and its translation into the clinical setting. It is the point at which 'bench' meets 'bedside'." As stroke is the

second-most-common cause of death globally and a significant cause of permanent disability, fast diagnosis and treatment are crucial to outcomes. A prototype device has shown extremely promising diagnostic accuracy of 85%. Crucially for the practical use of this striking research, the device is packaged as a low-cost, portable unit that first responders can use in the field to quickly start treatment.

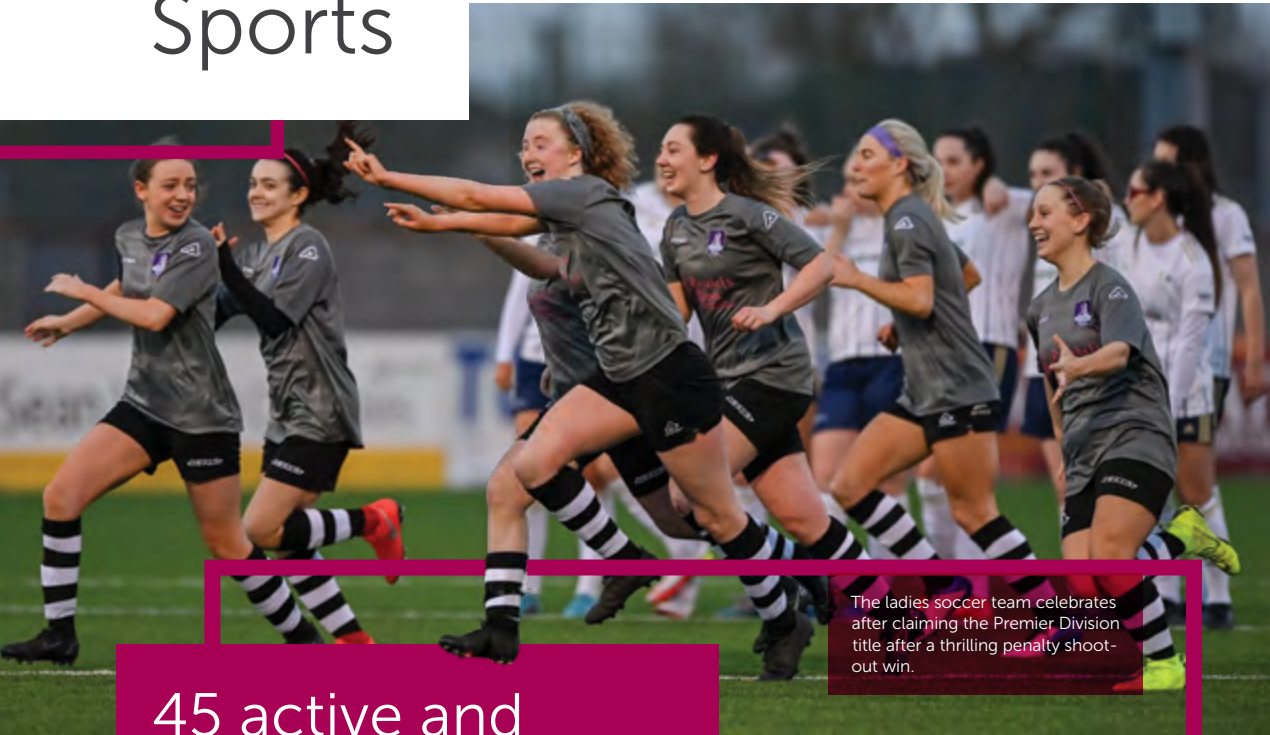
The Translational Medical Device Lab along with the Adrenal Research Group won Silver for the **Best International Collaboration Award**, for their ongoing collaboration with Kansas State University. Postdoctoral researcher Dr Laura Farina described how the treatments developed from the research have the potential to benefit millions, saying: "this research provides an exciting opportunity to improve patient care by future translation of our findings using science and engineering to create a clinical solution."

In the **Best Covid Response** category, the work of the College of Medicine, Nursing and Health Sciences during the Covid-19 pandemic received a Bronze award. The award reflected the work of the researchers in responding to urgent global health challenges and the dedication of staff throughout the college. It also honoured the student response to the crisis through volunteering and civic engagement.





# Sports



The ladies soccer team celebrates after claiming the Premier Division title after a thrilling penalty shoot-out win.

45 active and vibrant sports and recreational clubs

## Sports Facilities

At University of Galway we take a holistic view of our community, noting the strong link between health and well-being and academic achievement. Our world-class sports facilities and programmes promote well-being in all its aspects. As a postgraduate student you can avail of excellent facilities including an international competition-standard swimming pool, gyms, basketball arena, sports hall, pitches, kayaking and rowing areas, and running track. There are 45 sports clubs, as well as programmes for elite sports and community sports partnerships.





Sport at University of Galway recognises the relationship between academic performance, health, and well-being. The Sport and Recreation Unit has a mission to promote participation in sport and physical activities by all students and staff and to support higher standards of performance in sport for elite athletes and teams within University of Galway.

Over 6,000 students participate in weekly sporting activities, and 43% of these are competing in a new sport. The Presidents' Cup is an innovative participation programme which allows you to try new sports, to get active, and to integrate into life at University of Galway.

There is a sport for everyone, and we strive to help you find yours.



Kirsty Moran & Mickey MacDonagh, University of Galway boxers.



Sarah Quinn and Clíodhna Nolan, Irish Athletes in Athletics and Rowing, respectively.

# Rankings

If you were to distil every aspect of University of Galway into one essential quality, it would be excellence. We seek excellence in our teaching, research, and outside engagement. Our value of excellence is at the heart of the postgraduate experience here at University of Galway.

University of Galway is recognised in the top 2% of universities in the QS World University Rankings. We are now ranked **270th in the world's top 1,400 institutions**. This ranking confirms our position among the world's elite educational institutions. In addition, our university is ranked in the **351–400** band in the THE World University Rankings for the year 2022 and ranked **47th** out of 1,406 institutions around the world in the 2022 Times Higher Education's Impact Rankings.

Rankings are designed to help prospective students make informed comparisons between leading universities around the world. A postgraduate qualification from a top university will be recognised as a top-quality degree wherever your career brings you across the globe.



## DID YOU KNOW?

Three of University of Galway's researchers, all of whom teach on postgraduate programmes, received global recognition by being featured in the list of the World's Most Highly Cited Researchers in 2021.

[www.universityofgalway.ie/our-research/cited-researchers](http://www.universityofgalway.ie/our-research/cited-researchers)

[www.universityofgalway.ie/rankings](http://www.universityofgalway.ie/rankings)



University of Galway is recognised in the **top 2%** of universities in the QS World University Rankings.

**TOP** 2%





**270TH**  
IN THE WORLD'S  
**TOP 1,400**  
**INSTITUTIONS**



### Sustainable Development Goals (SDGs)

In 2022, in the new Times Higher Education University Impact Rankings, we ranked as the fifth best university in the world for Sustainable Development—Responsible Consumption and Production and 33 in the world for SDG 11 Sustainable Cities & Communities. This increase is due to our research in this area and policies in place for improved sustainable practices. See [www.universityofgalway.ie/rankings](http://www.universityofgalway.ie/rankings) for more information.



### Subject rankings

In 2022 University of Galway was ranked as world-leading by the annual QS World University Subject Rankings for its teaching and research in five subject areas and 22 individual subject rankings.

Rank in subject area:

#### Top 101–150 worldwide

English Language & Literature, Nursing, Law, Hospitality & Leisure Management.

#### Top 151–200 worldwide

Modern Languages, Archaeology

#### Top 201–250 worldwide

Pharmacy & Pharmacology

#### Top 251–300 worldwide

Accounting & Finance, Computer Science & Information Systems, Medicine, Psychology, Education, Agriculture & Forestry, Environmental Sciences

#### Top 301–350 worldwide

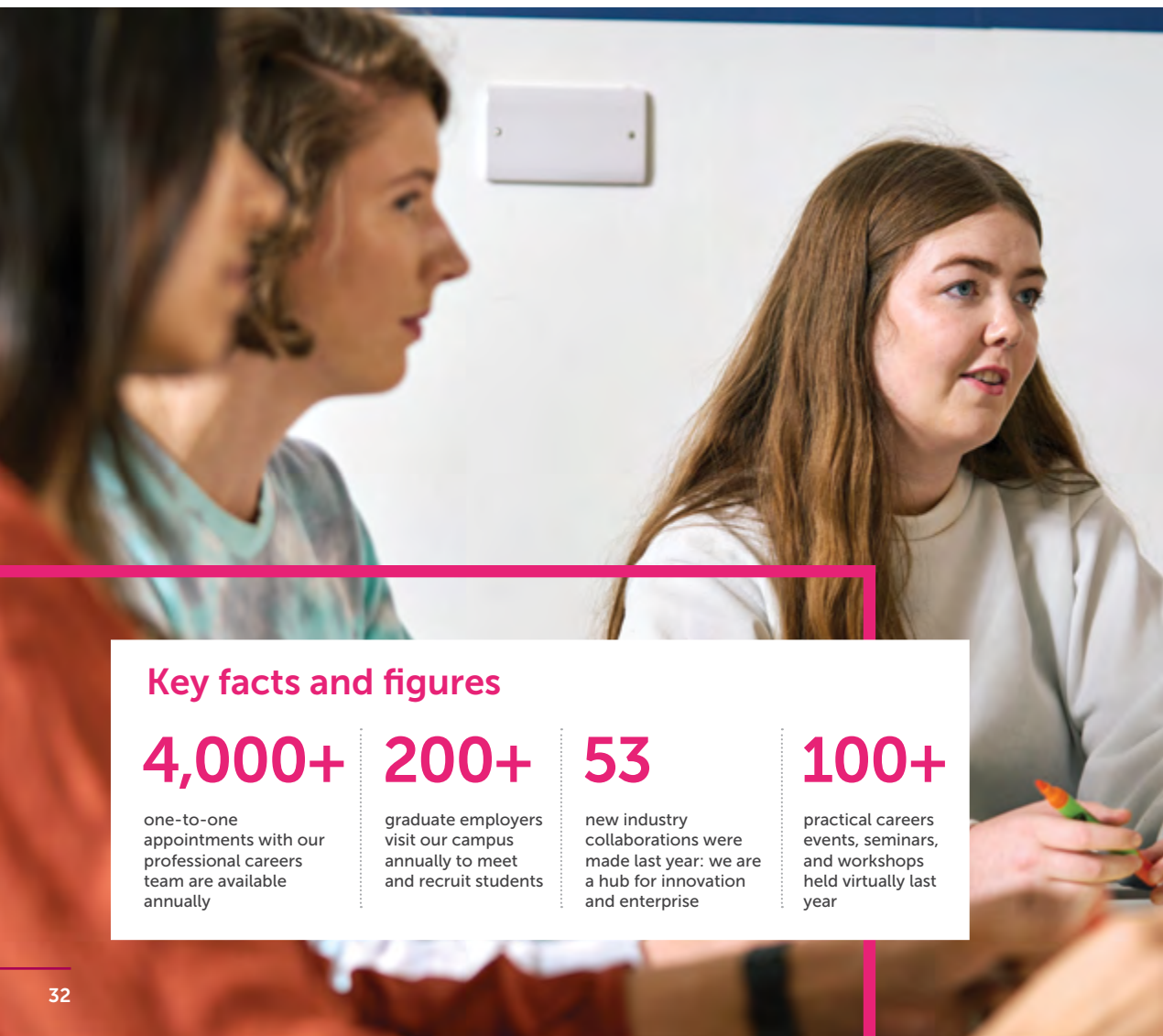
Engineering—Aeronautical, Manufacturing & Mechanical, Biological Sciences, Business and Management Studies



# Employment and Careers at University of Galway

How will a postgraduate course at University of Galway help your career? There are three main ways: our postgraduate courses help prepare you for your career, provide you with practical learning opportunities, and upskill you for a constantly evolving workplace. We are one of Ireland's top universities for employability.

**91% of our most-recently surveyed postgraduate students are in employment or further education the March following graduation.**



## Key facts and figures

**4,000+**

one-to-one appointments with our professional careers team are available annually

**200+**

graduate employers visit our campus annually to meet and recruit students

**53**

new industry collaborations were made last year: we are a hub for innovation and enterprise

**100+**

practical careers events, seminars, and workshops held virtually last year



“Since coming to Galway, SmartBear has developed a market leading Sales Development Program to equip candidates with the necessary skills required for a successful career in sales. We continue to see benefits in hiring University of Galway graduates from a variety of disciplines who have the appropriate mix of coachability and competitiveness along with an inquisitive nature that allows them to develop and transition through the program and into a full sales role.

The Sales Development Program offers the ideal entry into a sales role by progressing individuals to more advanced sales skills and experiences over a 9–12 month period. Throughout the programme participants will engage with prospective customers and leverage their skills to develop new business relationships, understand the challenges they are trying to address and determine the SmartBear solutions that will be of value.”

### Niall Burke

Manager of EMEA Sales Development at SmartBear

Our Career Development Centre team help you discover the career path that is right for you, develop your knowledge of opportunities and learn how to connect with employers, prepare applications for the recruitment and selection process, and apply for the best jobs.

#### **DISCOVER:** Guiding your career journey through

- One-to-one career guidance
- Career seminars and events
- Psychometric testing
- Dedicated careers information hub for students (on campus and virtual)
- Self-guided modules

#### **DEVELOP:** We put you in touch with prospective employers through

- Jobs fairs and employer events
- Jobs vacancy system
- Networking opportunities

#### **APPLY:** We help you to compete in the jobs market to the best of your ability through

- CV workshops, e-learning and unlimited AI feedback
- Interview skills workshops, e-learning and software to practice and improve
- Applications advice
- Employment skills workshops and employability award

#### **Top employers for PG students include**

Medtronic, SAP, KPMG, Civil Service, Boston Scientific, Sabis, Accenture, Wayfair, Fidelity Investments, First Derivatives.







# Investing in Your Future

## Our Growing Campus

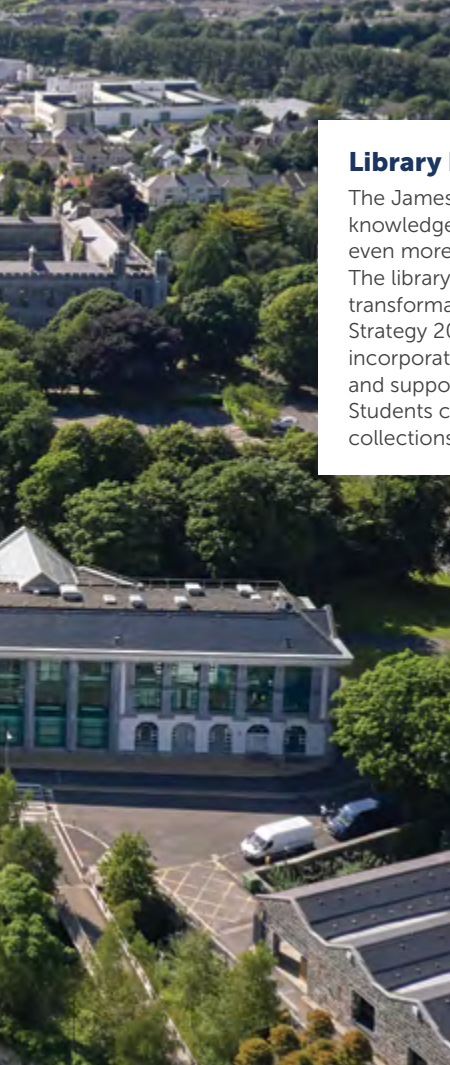
Since the university opened the doors of the quadrangle in 1845, the University of Galway campus has been constantly evolving to match the growth of our student population. Today the university hosts around 19,000 students. We have innovative contemporary facilities, with many new buildings opened in the last 10 years. Our atmospheric campus sits in a pretty riverside location, close to all the amenities of Galway. We believe that our campus is one of the most pleasing and unique university campuses in the world, a campus that as a postgraduate student we hope you will enjoy attending.

At University of Galway, you'll find there's a place for everything—for the arts, for learning, for research, for sports and recreation.

## Arts and Culture Facilities

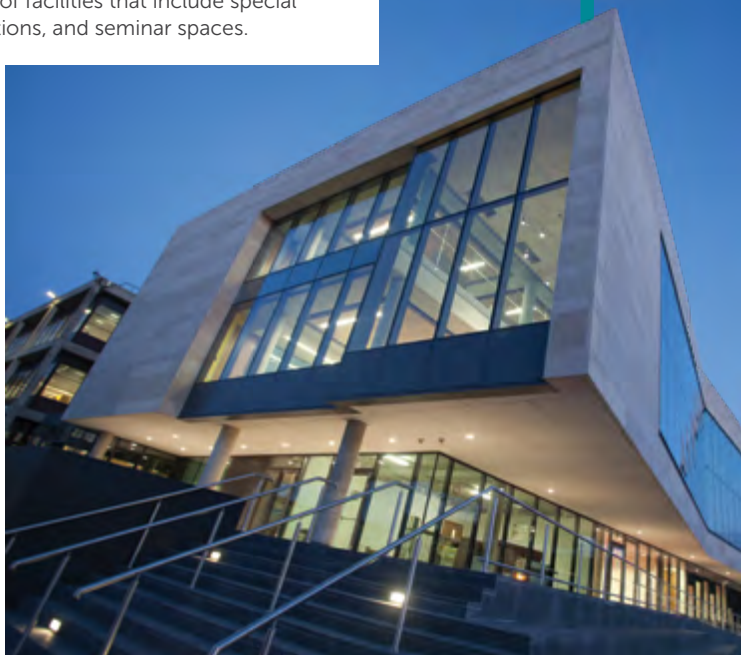
Our landmark O'Donoghue Centre for Drama, Theatre and Performance was opened in 2017. The O'Donoghue Centre was the public's choice for 'best new Irish building' in the Royal Institute of the Architects of Ireland (RIAI) Irish Architecture Awards in 2017. Set around an old mill building, the centre features a new theatre with state-of-the-art sound, lighting, and digital equipment. There are studio spaces for teaching and rehearsals; a workshop for set-building; dressing rooms, classrooms, and storage space. These facilities allow University of Galway to provide teaching in the most modern space in any Irish university.





## Library Facilities

The James Hardiman Library is a treasure trove of knowledge accumulated over 175 years, now made even more accessible through the latest technology. The library is currently engaged in a major transformation of its main building, with the University Strategy 2020–2025 committed to “A new Library, incorporating a Learning Commons that encourages and supports new forms of learning and engagement.” Students can avail of facilities that include special collections, exhibitions, and seminar spaces.



## Research Facilities

In keeping with our core value of excellence, we have invested heavily in our campus over recent years, focusing on facilities for research in areas such as Arts, Social Sciences and Humanities, Life Sciences, BioSciences, and Human Biology. We opened our Human Biology Facility in 2017, equipped with the newest technology and specially designed to facilitate cutting-edge scientific and medical research by academics from across the campus.





# Scholarships & Funding





## Academic Scholarships

At University of Galway, we value excellence. We want to ensure that the brightest and most committed students progress to postgraduate study. Our generous postgraduate taught master's scholarships (valued at €1,500 per student) are designed to reward excellent students who have performed exceptionally well in their undergraduate studies. Details of the Taught Master's Scholarship Scheme and all other course-specific scholarships and bursaries available are online at [www.universityofgalway.ie/postgraduate\\_scholarships](http://www.universityofgalway.ie/postgraduate_scholarships).

## International Scholarships

University of Galway is committed to attracting talented students from around the world. The university offers a number of partial international scholarships to highly capable global students on a competitive basis. For more information about eligibility criteria and how to apply, please see [www.universityofgalway.ie/international](http://www.universityofgalway.ie/international).

## Our Funding and Scholarships include:

### Cross-disciplinary awards

- Global Study Awards
- HCI Pillar One Awards
- NUI Awards
- Postgraduate Research Funding
- Scholarships and Funding for Adult Learning and Professional Development
- Sports Scholarships
- Springboard Scheme
- Taught Postgraduate Scholarships
- University of Sanctuary scholarships

### Business

- J.E. Cairnes School of Business & Economics Scholarships (including MBA Scholarship)

### Health Sciences

- MHS/ PDip Health Sciences (Children's Palliative/ Complex Care)


### Humanities & Irish

- Old and Middle Irish Scholarship
- Scoláireacht Mhic Dhonncha (1953–2016)
- Sparánachtaí COGG/MGO
- The Colm Ó hEochá Bursary

### Science and Information Technology

- Advanced MSc Scholarship (Artificial Intelligence, Data Analytics)





## Welcome to the College of Arts, Social Sciences, and Celtic Studies at University of Galway.

The College consists of eight schools that are at the cutting edge of theory and practice in the wide range of subjects offered across the Humanities and Social Sciences within our taught and research postgraduate programmes. The College of Arts, Social Sciences and Celtic Studies enjoys a global research reputation across the spectrum of the Humanities and Social Sciences and is home to three internationally distinct research institutes that contribute to University of Galway's mission to serve the public good.

Our ambition is to empower our students to create positive change in both their own lives and society at large. We therefore offer a teaching experience that emphasises for students the transformational potential of higher education. Our programmes have been developed in close consultation with major employers, indigenous and international, reflecting the increasing demand for highly skilled, innovative and flexible graduates, and many of our courses are professionally accredited by relevant bodies. Our research programmes provide opportunities for students to make exciting discoveries across a range of established and emerging research areas. The QS Subject Rankings identify a number of subject areas taught in the College of Arts, Social Sciences and Celtic Studies as being amongst the best in the world—including English Language and Literature (top 150), Modern Languages (top 200), Archaeology (top 200), Psychology (top 300) and Education (top 300 )—and this attracts world class academics and researchers to the College.

Graduates from our taught and research programmes are equipped to pursue careers in a variety of industries across the public, private and not-for-profit sectors, including education, performing and creative arts, business, technology, innovation, media, journalism, academia, publishing and translation to name but a few.

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College of  
Arts, Social Sciences,  
and Celtic Studies



**A range of full-time and part-time research options (master's and PhD) are also available.**

Please see page 297 for research programme listings or visit: [www.universityofgalway.ie/courses/research-postgraduate-programmes/phd-and-masters/#ColArts](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/phd-and-masters/#ColArts)





# Programmes

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- 42 Education (Professional Master of, [Post-Primary])
- 43 Education Leadership
- 44 Education (Special and Inclusive Education)
- 45 Education Studies
- 46 Oideachas (Máistir Gairmiúil san, [Iar-bhunscoil])
- 47 Special Educational Needs
- 48 Advanced Language Skills: French, German, Italian or Spanish
- 49 Languages with Business
- 50 Nua-Ghaeilge
- 51 Structured Research Master of Arts (Classics)
- 52 Structured Research Master of Arts (French)
- 53 Structured Research Master of Arts (German)
- 54 Structured Research Master of Arts (Spanish)
- 55 Translation Studies
- 56 International Contemporary Literatures and Media
- 57 Aistriúchán Closamhairc
- 58 Ateangaireacht Chomhdhála
- 59 Conference Interpreting
- 60 Cleachtas Gairmiúil sna Meáin
- 61 Gaeilge Fheidhmeach
- 62 Léann an Aistriúcháin
- 63 Léann Teanga
- 64 Archaeology
- 65 Coastal & Marine Environments: Physical Processes, Policy & Practice
- 66 Environment, Society and Development
- 67 Landscape, Archaeology and Heritage
- 68 Rural Futures Planning and Innovation
- 69 International Development Practice
- 70 Creative Arts Management
- 71 Digital Art, Design and Cultures
- 72 Drama and Theatre Studies
- 73 Irish Theatre History and Archives
- 74 Playwriting and Dramaturgy
- 75 Theatre Practice and Production
- 76 Film Studies: Theory and Practice
- 77 English
- 78 Literature and Publishing
- 79 Journalism
- 80 Global Media and Communication
- 82 Writing
- 84 Irish Studies—Literature and History
- 85 Old and Middle Irish
- 86 History
- 87 Medieval and Antiquity
- 88 Philosophy
- 89 Gender, Globalisation and Rights
- 90 Politics and Sociology
- 92 Public Policy
- 93 Public Advocacy and Activism
- 94 Art and Ecology
- 95 Fine Art
- 96 Fine Art: Studio Art
- 97 Applied Behaviour Analysis
- 98 Clinical Neuroscience
- 99 Clinical Psychology
- 100 Clinical Psychology (for Qualified Clinicians)
- 101 Consumer Psychology
- 102 Health Psychology
- 103 Psychology (HDip—Conversion)
- 104 Psychology (HDip—Full)
- 105 Child, Youth and Community
- 106 Family Support Studies
- 107 Social Work
- 108 Social Work, Practice Teaching, Supervision & Management
- 109 Adolescent Health

# Education

## (Professional Master of, [Post-Primary])

### Your Course

In preparing teachers for the post-primary sector, this programme aims to guide and facilitate student teachers' initial entry into teaching and provide a solid theoretical foundation to support and aid their preparation for professional practice within the classroom.

#### Modules include

- Professional Studies;
- Educational Sciences;
- Professional Practice/School Placement;
- Subject-Teaching Methodologies;
- Practitioner-Based Research.

### Career Opportunities

Graduates of the Professional Master of Education are eligible to register with the Teaching Council and can take up teaching positions in second-level schools across Ireland. The PME qualification is widely recognised internationally and many PME graduates have travelled and worked as teachers across Europe and further afield after qualifying.

### Minimum Entry Requirements

Primary degree Level 8.

#### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/education-professional-master.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/education-professional-master.html)



#### PROGRAMMES AVAILABLE:

Professional Master of Education (PME). Applicants may also be interested in the Máistir Gairmiúil san Oideachas (MGO), page 46.

**DURATION:** 2 years, full-time

**NUMBER OF PLACES:** 140

**PAC CODE(S):** Visit [www.pac.ie/pme](http://www.pac.ie/pme) for relevant course code.

#### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

#### GARDA VETTING/POLICE

**CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**CLOSING DATE:** 31 January 2023



#### CONTACT

Mr Sam Conaty

**T:** +353 91 494 064

**E:** [education@universityofgalway.ie](mailto:education@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Accreditation:** The programme is professionally accredited by the Teaching Council.
- 2. Excellent prospects:** Graduates are eligible to apply for registration as a post-primary teacher in Ireland and other countries.
- 3. Placement:** Throughout each of the two years of the programme, students engage in school placements, which will provide a rich experiential base for their initial development as a professional teacher.

Thinking about applying?

[www.pac.ie/pme](http://www.pac.ie/pme)



# Education Leadership

## Your Course

This master's programme is a one-year qualification for candidates who have completed either the PDSL or DGCS leadership diploma. Course content will focus on qualitative and quantitative research approaches with a particular emphasis on critically identifying perspectives on researching school leadership. Students will complete a leadership focused dissertation that will provide an opportunity to demonstrate the ability to engage in primary research and consolidate the learning outcomes achieved in other modules on the PDSL/DGCS programme.

## Career Opportunities

School principalship, mid-level leadership positions in schools, education support services, entry to PhD/Doctoral studies.

## Minimum Entry Requirements

Candidates must have completed the PDSL/DGCS in order to be eligible to apply for this course. This is a one-year, top-up programme to enable graduates of the PDSL/DGCS to obtain a master's qualification.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/education-leadership.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/education-leadership.html)

## PROGRAMMES AVAILABLE:

MEd

**DURATION:** 1 year, part-time  
(Year 2 entry only)

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** MED5

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 31 July 2023



## CONTACT

School of Education

**T:** +353 91 492 195

**E:** [education@universityofgalway.ie](mailto:education@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Master's award for those who have completed the Graduate Diploma in School Leadership or the Dioplóma Gairmiúil i gCeannaireacht Scoile. Find out more at [www.universityofgalway.ie/education](http://www.universityofgalway.ie/education).
- 2.** Develop and consolidate expertise in the area of school leadership and research.
- 3.** Engage in a critical exploration of a leadership in a dynamic professional learning community.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Education

## (Special and Inclusive Education)

### (Master of)

#### Your Course

The MEd (Special and Inclusive Education) offers teachers who have successfully completed the PDip (Special Educational Needs), and obtained a H2.1 award or higher, the opportunity to continue their study and conduct educational research that will assist them further in effectively supporting students with special educational needs in their schools.

On successful completion of the programme participants will be able to:

- Critically interrogate previous research in the area of special and inclusive education;
- Design, plan and conduct a small-scale quantitative, qualitative, or mixed-methods primary research project or secondary research project in the area of special and inclusive education;
- Analyse qualitative and quantitative data using appropriate techniques, and report and present findings in an aligned, transparent and ethical manner;
- Reflect on the role of the researcher in the research process.

#### Career Opportunities

Teachers can work in SEN teaching and in co-ordination and leadership roles in schools and other education settings and in education support services.

Further research opportunities also exist at PhD level.

#### Minimum Entry Requirements

Entry is restricted to teachers who have recently completed the Postgraduate Diploma in SEN and obtained a H2.1 award or higher.

#### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/special-inclusive-education.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/special-inclusive-education.html)

#### PROGRAMMES AVAILABLE:

MEd

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** MED4

#### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 31 July 2023



#### CONTACT

Dr Niamh Flynn

**T:** +353 91 494 071

**E:** [nflynn@universityofgalway.ie](mailto:nflynn@universityofgalway.ie)



#### 3 GOOD REASONS TO STUDY THIS COURSE

**1.** Enables you to develop critical research literacy skills.

**2.** Supports you to conduct small-scale yet significant educational research to a high professional standard in the rapidly evolving field of special and inclusive education.

**3.** The programme is delivered through a flexible blended learning approach.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Education Studies

## Your Course

The Professional Diploma in Education Studies is the first in a suite of courses that will cover a number of specialist content areas. The Professional Diploma in Education Studies (Leading Innovation) is a qualification in leading innovative learning in schools. It will be delivered through distance education and supported with an online/blended approach to engaging learners. It is aimed at education professionals who would like to challenge and/or improve the way they think about their work in a variety of ways. Our course will include some face-to-face sessions, and we believe that these combined with more frequent online engagement will provide a dynamic and transformative learning experience for all learners.

We are committed to developing our students' critical voice through reading, discussion, peer learning, presentations, critical review, reflection and practical application. This commitment to participative learning experiences will ensure that high-quality learning outcomes are achieved.

## Career Opportunities

There are four main career pathways:

1. Permanent or more substantial contract in initial employment;
2. Internal promotion within current schools;
3. Job mobility—transfer to other schools;
4. Employment opportunities in education support services.

## Minimum Entry Requirements

A Level 8 undergraduate degree (H2.2) or equivalent in education, the social sciences, arts and humanities, or other relevant discipline is required.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/pdip-education-studies.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/pdip-education-studies.html)

### PROGRAMMES AVAILABLE:

PDip

**DURATION:** 1 year (blended/distance education), part-time

**NUMBER OF PLACES:** 35

**COURSE INSTANCE(S):** PFS

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### CLOSING DATE:

None, determined by Programme Team and Programme Director.



### CONTACT

Dr Paul Flynn  
Programme Director

**E:** paul.flynn@universityofgalway.ie



### 3 GOOD REASONS TO STUDY THIS COURSE

1. Critically engage with emergent and current trends influencing the field of education today.
2. Design appropriate and effective curricula and instructional strategies in literacy/numeracy that are informed by contemporary pedagogical theories.
3. Develop a network of professional relationships with a wide range of individuals in the field of education.



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Oideachas

## (Máistir Gairmiúil san, [Iar-bhunscoil])

### Do Chúrsa

Clár máistreacht go hiomlán trí mheán na Gaeilge é an Máistir Gairmiúil san Oideachas. Déantar an clár in oideachas tosaigh múinteoirí dara leibhéal seo go lánaimseartha thar dhá bhliain agus tá sé aitheanta ag an gComhairle Mhúinteoireachta chun críocha clárúcháin mar mhúinteoir iar-bhunoideachais in Éirinn.

Ar an gclár, forbraíonn múinteoirí faoi oiliúint creat coincheapúil a thacaíonn le foghlaim agus teagasc cruthaitheach a dhéanamh trí Ghaeilge ag leibhéal na h-iarbhunscoile agus san earnáil Ghaeltachta agus Ghaelscolaíochta ach go háirithe. Leagtar an-bhéim ar theicneolaíocht agus ar chumas múinteoirí faoi oiliúint cuir chuige agus áiseanna ilmheánacha a chruthú agus a úsáid go héifeachtach sa seomra ranga.

### Deiseanna Gairme

Tabharfaidh an cháilíocht seo deiseanna fostaíochta do chéimithe in earnáil an oideachais in Éirinn agus thar lear. Tá an-tóir ag earnáil an Ghaeloideachais ar chéimithe an MGO.

### Riachtanais Iontrála

Bunchéim ag Leibhéal 8. Ní mór d'iaratasóirí caighdeán maith Ollscoile a beith acu i dtaca le labhairt agus scríobh na Gaeilge agus mar chuid den nós imeachta iarratais, tá scrúdú béil le déanamh.

### TUILLEADH EOLAIS LE FÁIL AG:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/oideachas-irish.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/oideachas-irish.html)



### AN CLÁR:

Máistir Gairmiúil san Oideachas (Iar-bhunscoil) (MGO)

**FAD AMA:** 2 bhliain lánaimseartha

**LÍON ÁITEANNA:** 30

**PAC CODE(S):** PEG02

### TÁILLÍ AGUS MAOINIÚ:

Le tuilleadh eolais a fháil faoi dheiseanna maidir le táillí agus maoiniú féach leathanaigh 314 agus 316.

**SPRIODHÁTA:** 31ú Eanáir 2023

### SEICEÁIL AN GHARDA SÍOCHÁNA/IMRÉITEACH Ó NA PÓILÍNÍ:

Teastaíonn grinnfhiosrúchán Gardaí/imréiteach na bpóilíní. Tuilleadh eolais ar leathanach 313A.

### SONRAÍ TEAGMHÁLA

Scoil an Oideachais

**F:** +353 91 494 072

**R:** [mgo@ollscoilnagailimhe.ie](mailto:mgo@ollscoilnagailimhe.ie)



### CÚISEANNA CHUN TABHAIRT FAOIN gCÚRSA

1. Deiseanna láidre fostaíochta—tá an-tóir ar chéimithe an MGO in Éirinn agus thar lear.
2. Saineolas ar an oideachas trí Ghaeilge—is é an MGO an t-aon chlár in oiliúint tosaigh múinteoirí don dara leibhéal go hiomlán trí mheán na Gaeilge in Éirinn.
3. Rang beag, béim ar thumoideachas agus caidreamh, cumarsáid agus comhluadar trí Ghaeilge.

An mian leat iarratas a dhéanamh?

[www.pac.ie/pme](http://www.pac.ie/pme)





# Special Educational Needs

## Your Course

This postgraduate diploma programme of continuing professional development aims to give fully qualified serving teachers working in SEN teaching roles in their schools and other recognised educational services a thorough professional knowledge and understanding of special educational needs and learning difficulties. The programme is supported by the Department of Education and Skills (DES) and provides a recognised qualification for qualified teachers working in the area of special educational needs and learning support in mainstream and special settings.

The programme involves release from schools/centres for designated block periods of a total of eight weeks over the academic year, with substitute cover provided. In addition, some lectures take place on a maximum of four Saturdays throughout the academic year. The programme also includes supervised work in teachers' own schools/centres and a four-day placement in a special setting other than their own.

## Career Opportunities

Qualified teachers who graduate from this programme are recognised by the Department of Education and Skills (DES) for positions as special education teachers (SETs) in mainstream and special settings.

## Minimum Entry Requirements

To be eligible, applicants must be graduates and qualified teachers registered with the Teaching Council of Ireland and have a designated teaching role in relation to students with special educational needs. Further eligibility criteria are included in the DES circular available at [www.education.ie](http://www.education.ie).

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/education-special-educational-needs.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/education-special-educational-needs.html)

**PROGRAMMES AVAILABLE:** PDip

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** PDE.

Application is via a circular issued by the DES, usually in the previous January, which can be downloaded from the DES website. The circular and application form give details of the application and submission process.

**FEES AND FUNDING:** Fees are covered by the DES for eligible participants.

**GARDA VETTING/POLICE**

**CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**CLOSING DATE:** The closing date for completed applications is given on the DES circular.



### CONTACT

Dr Andrea Higgins

**T:** +353 91 495 136

**E:** [andrea.higgins@universityofgalway.ie](mailto:andrea.higgins@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

**1. DES support:** The programme is supported by the DES and provides a recognised qualification for teachers working in the area of special education needs and learning support in mainstream and special settings. Programme fees are paid by the DES.

**2. Expert associates:** The programme is delivered by a core team supported by a cohort of associate lecturers with a range of experience and expertise.

**3. Innovative teaching:** Key to the programme are inclusive approaches to teaching and learning, which are discussed and demonstrated. Teachers are supported in implementing such approaches in their schools.

Thinking about applying?  
[www.education.ie](http://www.education.ie)



# Advanced Language Skills: French, German, Italian or Spanish

## Your Course

This master's programme provides advanced linguistic and technical training to prepare you for work as a linguist. There is a growing demand for such specialised services. You will develop your language skills to a high level and gain experience in the area of translation technology. You will acquire a high level of communication skills in your chosen language speciality of French, German, Italian or Spanish.

### Course content includes:

- Translation Methodology and Text;
- Audiovisual Translation;
- Advanced Language Skills;
- Translation Studies;
- Dissertation.

**This is an MA in the School of Languages, Literatures and Cultures; it can be tailored to suit your interests, see website for details.**

## Career Opportunities

Our students have found employment in a variety of contexts, both in Ireland and abroad. In particular, graduates have been employed by national and international translation companies, EU offices, and international customer care and marketing centres. Many have taken up second- and third-level teaching positions. A number of graduates have progressed to doctoral studies and have obtained prestigious scholarships.

## Minimum Entry Requirements

Second Class Honours NQAI Level 8 degree or equivalent, with Second Class Honours Grade 2 or equivalent in the language to be studied.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-language-skills.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-language-skills.html)



### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1MLS1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Máire Áine Ni Mhainnín

**T:** +353 91 493 397

**E:** [mary.mannion@universityofgalway.ie](mailto:mary.mannion@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The programme offers intensive training in the use of Trados translation software.
- 2.** Optional modules provide the opportunity to concentrate on areas of particular interest.
- 3.** You can specialise in French, German, Italian or Spanish.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Languages with Business

NEW  
COURSE

## Your Course

The MA Languages with Business prepares its graduates to work in various positions in multinational companies and other fields and organisations that require both language expertise and a basic understanding of economics, marketing and business needs.

The programme is aimed at Arts graduates with two languages (besides English), seeking a qualification that will help them to secure employment with internationally operating companies; multilingual graduates from other fields including Commerce, seeking to improve their employment prospects by improving their linguistic competencies; and graduates interested in pursuing PhD research in Applied Linguistics or Translation Studies.

The objective of this programme is to equip students with theoretical knowledge and applications in practice of business communication in the multilingual realm: the rhetoric of sales pitches, professional translation, and multilingual negotiations.

## Career Opportunities

Typical career profiles with this degree can be in both the public and the private sector, such as:

- International Recruiting
- Digital Media / Marketing
- Hospitality/Tourism
- Financial Services
- Higher Education Administration
- Medical Devices/Biotechnology
- SaaS (Software as a Service)
- Supply Chain Management
- Content Management
- Cloud Services

## Minimum Entry Requirements

Applicants will require a NQAI Level 8 degree in two languages, Second Class Honours, or equivalent, with a 2:1 in a related subject. Candidates with one language at the required degree level and native level in either French, German, Italian or Spanish can also apply. Where applicants do not meet the formal academic requirements they can apply for entry through the University's Recognition for Prior Learning Policy.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/languages-with-business.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/languages-with-business.html)

### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MLB1,  
1MLB2

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Tina-Karen Pusse

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**E:** [tina-karen.pusse@universityofgalway.ie](mailto:tina-karen.pusse@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** This is the only Level 9 programme in Ireland equipping graduates with two languages and a business component.
- 2.** We partner with businesses providing work placements as key elements of the programme, offering a seamless transition into the job market.
- 3.** This programme equips graduates to work in a national or global business setting where two additional languages are required. Roles can include sales, marketing, HR management, public service, diplomatic corps, SaaS, cloud services, hospitality.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nua-Ghaeilge

## Do Chúrsa

Má tá fonn ortsa cur le caighdeán do chuid Gaeilge agus eolas breise a fháil ar litríocht, ar stair agus ar chultúr na teanga, seo é an cúrsa duitse. Gheobhaidh tú scileanna taighde, anailíse agus cumarsáide den chéad scoth a rachaidh chun do leasa sa saol gairmiúil trí chéile.

Sa chúrsa idirdhisciplíneach seo, déanfaidh tú anailís chriticiúil ar réimsí éagsúla de léann comhaimseartha na Gaeilge: an Chritic Liteartha, an Chritic Chultúir agus Shóisialta agus an tSochtheangeolaíocht. Déanfaidh tú taighde nuálach, neamhspleách ar shainbhar de do rogha féin agus léireoidh tú an taighde sin i bhfoirm tráchtais. **MA i Scoil na dTeangacha, na Litríochtaí agus na gCultúr is ea an cúrsa seo, ar féidir é a mhúnlú de réir do chuid suimeanna; féach sonraí ar an suíomh idirlín.**

## Deiseanna Gairme

Téann céimithe le MA sa Nua-Ghaeilge ag obair sa saol acadúil agus in earnáil an oideachais trí chéile agus in earnálacha mar an fhoilsitheoireacht, an tionscal oidhreacht, an státseirbhís, agus seirbhísí aistriúcháin agus ateangaireachta. Ina theannta sin, téann siad leis an iriseoireacht, idir chlóite, leictreonach agus chraolta, le heagraíochtaí mar TG4, RTÉ agus RTÉ Raidió na Gaeltachta agus stáisiúin réigiúnacha agus áitiúla eile. Bíonn iarchéimithe linn ag obair freisin in earnáil na Gaeilge, sa Ghaeltacht agus ar fud na tíre, le leithéidí Údarás na Gaeltachta, Roinn na Gaeltachta, Gaillimh le Gaeilge agus eagraíochtaí eile. Más céimí de chuid Ollscoil na Gaillimhe thú, beidh deis agat ar Sparánacht Choilm Uí Eocha. Duais €3,000 í seo, a bhronntar gach bliain ar an té is airde marcanna ina gcéim agus atá cláraithe ar chúrsa iarchéime a mhúintear trí Ghaeilge.

## Riachtanais Iontrála

Ní mór d'iarrthóirí céim dara honóracha 2.2 (ag leibhéal a 8 den Chreat Náisiúnta Cáilíochtaí) a bheith acu, agus 2.1 sa Ghaeilge féin. Glacfar le hiarratais ó iarrthóirí a bhfuil céim 2.1 nó a comhionann acu in ábhar eile, ach caithfidh siad Stiúrtóir Acadúil an chúrsa a shásamh go bhfuil cumas dóthanach acu sa Ghaeilge chun tabhairt faoin gcúrsa, trí scrúdú agus/nó agallamh a dhéanamh. Is féidir le hiarrthóirí nach bhfuil na cáilíochtaí acadúla cuí acu, ach a bhfuil cúig bliana de thairbhí chúig ghairmiúil acu, iarratas a dhéanamh faoi chóras na hollscoile d'Aitheantas don Réamhfhoghlaim (RPL).

## TUILLEADH EOLAIS LE FÁIL AG:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nua-ghaeilge-irish.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nua-ghaeilge-irish.html)

**AN CLÁR:** MA

**FAD AMA:** 1 bhliain, lánaimseartha; 2 bhliain, páirtaimseartha

**LÍON ÁITEANNA:**  
Neamhtheoranta

**CÓD AN CHÚRSA:** 1MNG1

## TÁILLÍ AGUS MAOINIÚ:

Le tuilleadh eolais a fháil faoi dheiseanna maidir le táillí agus maoiniú féach leathanaigh 314 agus 316.

## CATHAIN IARRATAS A DHÉANAMH:

Níl aon dáta deiridh leagtha síos ag Ollscoil na Gaillimhe maidir le glacadh le hiarratais (seachas i gcásanna eisceachtúla). Eiseofar tairiscintí ar bhonn leanúnach. Cuirtear ina luí ar iarratasóirí iarratais a dhéanamh chomh luath agus is féidir. Chun na mionsonraí ar fad a fheiceáil maidir le cathain agus conas iarratas a dhéanamh féach leathanach 312.

## SONRAÍ TEAGMHÁLA

Fiona de Paor

F:+353 91 492 564

R: [fiona.depaor@ollscoilnagaillimhe.ie](mailto:fiona.depaor@ollscoilnagaillimhe.ie)



## CÚISEANNA CHUN TABHAIRT FAOIN gCÚRSA



**1.** Déanfaidh tú cúrsa nuálach, idirdhisciplíneach a thabharfaidh saineolas duit ar theanga, ar litríocht agus ar Léann na Nua-Ghaeilge in ollscoil a bhfuil cáil na Gaeilge uirthi.

**2.** Beidh tú in ann feidhmiú go cruinn ag leibhéal gairmiúil agus acadúil trí mheán na Gaeilge sa scríbhneoireacht agus sa labhairt.

**3.** Foghlaimeoidh tú conas taighde neamhspleách ar ardchaighdeán a dhéanamh agus féadfaidh tú leanúint de léann na Gaeilge ag leibhéal dochtúireachta más mian leat.

An mian leat iarratas a dhéanamh?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Structured Research Master of Arts (Classics)

## Your Course

The Structured MA in Classics is a one-year, full-time (two-years, part-time) programme that allows students to further their interest in a specialist area of academic study and research. This course provides high-achieving graduates an opportunity to gain a broader and deeper knowledge of their chosen area and to familiarise themselves with the research methodologies and ethics relevant to the study of Classics.

Research activity in Classics at University of Galway focuses on three signature themes:

- Identities in formation
- Intellectual continuity between Antiquity and the Middle Ages
- Intertextuality and manuscript transmission

Where appropriate, our research highlights and explores relationships and continuities between the language, literature and cultural history of Ireland and the wider European past. We move back and forth across traditional lines drawn between ancient and medieval studies; in this context, we are the only Classics unit in the world that has a special focus on bridging the boundary between Classical and Celtic studies. This is reflected in our recent funding successes, postgraduate recruitment, and publications in this area.

Students on this programme will complete an independent research project or dissertation weighted at either 55 or 60 ECTS (depending on the number of ECTS devoted to taught modules).

The course is especially closely tailored to opportunities for developing a PhD research proposal in one of the signature research fields led by our staff team. Our vibrant PhD community have already led the way in developing the research agenda, and this has been answered in an impressive level of success in winning funding awards from the IRC and other bodies.

## Minimum Entry Requirements

2.1 honours degree in Classics, Medieval Studies or a cognate discipline.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/classics-structured-masters.html](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/classics-structured-masters.html)

### PROGRAMMES AVAILABLE:

Structured Research Master's

### DURATION:

1 year, full-time;  
2 years, part-time

### NUMBER OF PLACES:

7

### COURSE INSTANCE(S):

1SMA1,  
1SMA2

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Prof Michael Clarke

**T:** +353 91 495 448

**E:** michael.clarke@universityofgalway.ie



### 3 GOOD REASONS TO STUDY THIS COURSE

**1.** This course is the best way to convert your undergraduate course in Classics, Historical Linguistics or an allied discipline into a professional training with special skills in ancient languages and independent research.

**2.** Our department is internationally recognised as a centre for studies at the interface between Classical, Celtic and Medieval Studies, a key area for emerging research opportunities.

**3.** This course provides an ideal springboard either for PhD study in our fields, or for cultural careers including the museums and heritage sector.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Structured Research Master of Arts (French)

## Your Course

The Structured MA in French is a one-year full-time (two-year part-time) programme allowing high-achieving graduates an opportunity to develop their chosen research area and to familiarise themselves with the research methodologies and ethics relevant to French and Francophone studies. This course can be taken as a preparation for PhD work. Students taking the Structured MA (French) are required to submit a 30,000 to 40,000 word dissertation. The dissertation is an original piece of research, carried out under the supervision of a member of staff of the Discipline. Students take approximately 35 ECTS worth of taught modules, at least one of which (minimum 5 ECTS) must be dedicated to research methods/integrity. The Discipline of French offers a range of relevant taught modules, such as:

FR562: Advanced Language Skills 1 Semester 1 (10 ECTS)

FR563: Advanced Language Skills 2 Semester 2 (10 ECTS)

FR527: Critical Approaches & Methods Semesters 1 & 2 (10 ECTS)

FR571: Translation Methodology and Technology Semesters 1 & 2 (10 ECTS)

FR6101: Language, Gender and Power 1 (10 ECTS)

## Career Opportunities

Progression to doctoral studies, second-and third-level teaching, senior administrative roles, cultural activities, national and international translation companies, EU offices, NGOs, international customer care and marketing centres.

## Minimum Entry Requirements

NQAI Level 8 qualification in French with a minimum 2.1 (or North American 3.2 GPA or equivalent). For non-native speakers of French, a period of residency (a minimum of one semester) in a Francophone country is mandatory. A minimum IELTS score of 6.5 (or equivalent) is required of applicants whose first language is not English or French.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/french-structured-masters.html](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/french-structured-masters.html)



### PROGRAMMES AVAILABLE:

Structured Research Master's

**DURATION:** 1 year, full-time;

2 years, part-time

**NUMBER OF PLACES:** 10

**COURSE INSTANCE(S):** 1SMA1,  
1SMA2

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Máire Áine Ní Mhainnín

**T:** +353 91 493 397

**E:** [mary.mannion@universityofgalway.ie](mailto:mary.mannion@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** This course enables you to independently explore your area of interest (where supervision is available) and will provide you with the opportunity to gain advanced research skills in preparation for doctoral study and funding applications.
- 2.** In addition to your dissertation (40 000 words) you will undertake taught modules designed to equip you with advanced linguistic skills and appropriate theoretical approaches.
- 3.** This course encourages advanced transferable skills, such as information gathering, analytical skills, presentation skills, time management and project management.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Structured Research Master of Arts (German)

NEW  
COURSE

## Your Course

The Structured Master's in German is a one-year full-time (or two-year part-time) programme designed to provide students with the opportunity to further their interest in specialist areas of academic study and research. This course provides high-achieving graduates with an opportunity to gain a broader and deeper knowledge of their chosen area of research and to familiarise themselves with the research methodologies and ethics relevant to the discipline.

The programme is strongly recommended for graduates who have a clearly-defined area of independent research which they wish to pursue at postgraduate level, and who may wish to continue on to a PhD programme. However, we also welcome candidates who are especially interested in exploring a programme with a strong emphasis on research and the production of independent work.

## Career Opportunities

Graduates of the Structured Research MA (German) are especially well placed to engage in research, particularly doctoral work. In addition, the programme provides a strong platform for graduates to move into the fields of second- and third-level teaching and translation work. Graduates may also explore career opportunities in the media, administration, cultural activities and journalism.

## Minimum Entry Requirements

Second Class Honours NQAI Level 8 degree or equivalent, with Second Class Honours, Grade 1 or equivalent in German.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/german-structured-masters.html](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/german-structured-masters.html)



## PROGRAMMES AVAILABLE:

Structured Research Master's

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 10

**COURSE INSTANCE(S):** 1SMA1,  
1SMA2

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Prof Hans-Walter Schmidt-  
Hannisa

**T:** +353 91 49 2239

**E:** [h.schmidthannisa@universityofgalway.ie](mailto:h.schmidthannisa@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** You will critically engage with contemporary debates in German Language, Literature and Media, deepening your knowledge in your selected research topic.
- 2.** You will develop core, independent research skills through general and discipline-specific workshops on Research Methods.
- 3.** You will produce a substantial body of independent written work, from short essays through to a dissertation, and be guided and supported by a primary supervisor and a graduate research committee throughout the programme.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Structured Research Master of Arts (Spanish)

## Your Course

The Structured Master's in Spanish is a one-year full-time (or two-year part-time) programme designed to provide students with the opportunity to further their interest in specialist areas of academic study and research. This course provides high-achieving graduates with an opportunity to gain a broader and deeper knowledge of their chosen area of research and to familiarise themselves with the research methodologies and ethics relevant to the discipline.

The programme is strongly recommended for graduates who have a clearly-defined area of independent research which they wish to pursue at postgraduate level, and who may wish to continue on to a PhD programme. However, we also welcome candidates who are especially interested in exploring a programme with a strong emphasis on research and the production of independent work.

## Career Opportunities

Graduates of the Structured Research MA (Spanish) are especially well placed to engage in research, particularly doctoral work. In addition, the programme provides a strong platform for graduates to move into the fields of second- and third-level teaching and translation work. Graduates may also explore career opportunities in the media, administration, cultural activities and journalism.

## Minimum Entry Requirements

Second Class Honours NQAI Level 8 degree or equivalent, with Second Class Honours, Grade 1 or equivalent in Spanish.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/spanish-structured-masters.html](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/spanish-structured-masters.html)



## PROGRAMMES AVAILABLE:

Structured Research Master's

## DURATION:

1 year, full-time;  
2 years, part-time

## NUMBER OF PLACES:

10

## COURSE INSTANCE(S):

1SMA1,  
1SMA2

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

## WHEN TO APPLY:

University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

## CONTACT

Dr Mel Boland

**T:** +353 91 493 971

**E:** [mel.boland@universityofgalway.ie](mailto:mel.boland@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



1. You will critically engage with contemporary debates in the Hispanic world, deepening your knowledge in your selected research topic.
2. You will develop core, independent research skills through general and discipline-specific workshops on Research Methods.
3. You will produce a substantial body of independent written work, from short essays through to a dissertation, and be guided and supported by a primary supervisor and a graduate research committee throughout the programme.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Translation Studies

## Your Course

This is an interdisciplinary master's programme that explores and critiques the importance of translation in contemporary society. Students with a background in two languages—French, Spanish, German, Italian or Irish—will consolidate and extend their translation skills between these languages and English, and will also gain an appreciation of the centrality of translation in critical debates on intercultural communication.

**The programme includes such modules as:**

- Advanced Language Skills I and II in Spanish/French/Italian/German;
- Teanga na Gaeilge;
- Teanga, Coimhlint agus Cultúir, or Teoiricí Liteartha agus Cultúir;
- Translation Studies I;
- Translation Methodology;
- Language and Intercultural Communication.

**This is an MA in the School of Languages, Literatures and Cultures; it can be tailored to suit your interests, see website for details.**

## Career Opportunities

Graduates have gone on to pursue careers in a range of fields, including the civil service, teaching, translation and human resources.

## Minimum Entry Requirements

Second Class Honours NQAI Level 8 degree or equivalent, with Second Class Honours Grade 2 or equivalent in each language.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/translation-studies.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/translation-studies.html)



### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 10

**COURSE INSTANCE(S):** 1TS1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Mel Boland

**T:** +353 91 493 971

**E:** mel.boland@universityofgalway.ie



### 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** Critically engage with emergent and current trends influencing the field of education today.
- 2.** Students will be introduced to Trados translation software, used in translation work in industry.
- 3.** Beyond the honing of translation skills, students will develop a range of transferable skills through collaborative tasks and presentations at various stages of the course.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# International Contemporary Literatures and Media

## Your Course

This is a multidisciplinary and comparative MA programme designed for students with an interest in contemporary literatures and media. It familiarises students with the movements, authors, texts and themes of international contemporary literature. It broadens their intellectual horizons and provides them with the skills for research and critical analysis. Students will be prepared for careers in media, arts administration, teaching, translation, and international marketing and communications.

The course programme includes the study of seminal texts, films, and other media by international authors and artists from the 1960s to the post-modern era and beyond. Non-English texts will be read in translation. Core modules are: The Arts of Reading; Worlds of Fantasy: Literature, Film, Computer Games; Resisting through Culture: Conflicts in Europe and Beyond; and Contemporary Literary Genres.

**This is an MA in the School of Languages, Literatures and Cultures; it can be tailored to suit your interests, see website for details.**

## Career Opportunities

Postgraduate students acquire a flexible skills base in dealing with creative and communicative tasks, along with analytical, organisational and research skills. They move on to avail of a corresponding range of career opportunities after graduation. Careers can be developed in, for example, publishing, print and electronic media, the culture industries, and education.

## Minimum Entry Requirements

Second Class Honours NQAI Level 8 degree or equivalent in any discipline with a strong literature or media component.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/international-contemporary-literatures-media.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/international-contemporary-literatures-media.html)



## PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MIC1,  
full-time; 1MIC2, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Professor Hans-Walter  
Schmidt-Hannisa

**T:** 53 91 492 239

**E:** [h.schmidthannisa@universityofgalway.ie](mailto:h.schmidthannisa@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. The course provides excellent preparation for students interested in pursuing a PhD in this area.
2. This multidisciplinary course prepares students for careers in media, arts administration, teaching, translation, and international marketing and communications.
3. The course addresses the fundamental cultural changes brought about by factors such as globalisation, the end of the Cold War, and technological and communicative innovations in the late twentieth century.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Aistriúchán Closamhairc

## Do Chúrsa

Is comhpháirtíocht é an clár seo idir Ollscoil na Gaillimhe agus Táirgí Media Idirnáisiúnta (TMI)—ceann de na gnólachtaí fotheidealúcháin/aistriúcháin closamhairc is bisiúla in Éirinn trí chéile. Is é aidhm an chlár oiliúint i ngnéithe den aistriúchán don scáileán, ar a n-áirítear fotheidealúchán idirtheangach, fotheidealúchán inteangach, fotheidealúchán beo, aistriúchán scrípteanna don teilifís, tráchtareacht fuaimne, seirbhísí rochtana do chomhdhálacha, a chur ar rannpháirtithe. Tá an cúrsa seo dírithe ar dhaoine ar spéis leo teangacha go ginearálta, an t-aistriúchán agus rochtain fhairsing a bheith ag an bpopal trí chéile ar sheirbhísí teilifíse agus ilmheán. Bainfidh daoine ar mhaith leo oibriú go gairmiúil i réimse an aistriúcháin closamhairc, go háirithe, tairbhe as an gclár seo. Is í an Ghaeilge teanga theagaisc an chlár, agus is ar phríomhchampas na hOllscoile i gCathair na Gaillimhe a reáchtálfar é.

## Deiseanna Gairme

Agus méadú ag teacht ar na dualgais atá ar eagraíochtaí craolacháin i dtaca leis an inrochtaineacht, tá gá le tuilleadh daoine a bhfuil a bhfuil scileanna maithe acu sna gnéithe éagsúla den aistriúchán closamhairc. Beidh poist le fáil i stáisiúin chraolacháin, i ngnólachtaí fotheidealúcháin/aistriúcháin closamhairc. Baineann deiseanna maithe cianoibre leis an réimse seo freisin.

## Riachtanais Iontrála

Bunchéim 2:2 (leibhéal 8), nó 2:2 i gclár iarchéime i réimse gaolmhar. Is féidir le hiarrthóirí nach bhfuil na cáilíochtaí acadúla cuí acu ach a bhfuil cúig bliana de thairbhí ghairmiúil acu iarratas a dhéanamh faoin gcóras don Aitheantas don Réamhfhoghlaim.

## TUILLEADH EOLAIS LE FÁIL AG:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/aistriuchan-closamhairc.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/aistriuchan-closamhairc.html)



**AN CLÁR:** Teastas larchéime

**FAD AMA:** Aon bhliain amháin

**LÍON ÁITEANNA:** 15

**CÓD AN CHÚRSA:** 1TAC1, 1TAC2, 1TAC3

### TÁILLÍ AGUS MAOINIÚ:

Le tuilleadh eolais a fháil faoi dheiseanna maidir le táillí agus maoiniú, féach leathanaigh 314 agus 316.

### DÁTA DEIREANACH:

3 Meán Fómhair 2023

### SONRAÍ TEAGHMHÁLA

Séamus Ó Coileáin

F: +353 91 493 959

R: s.o.coileain@  
ollscoilnagaillimhe.ie



## CÚISEANNA CHUN TABHAIRT FAOIN GCÚRSA



1. Is é seo an chéad cháilíocht atá le fáil in Éirinn san aistriúchán closamhairc, agus béim faoi leith ar an bhfotheidealúchán.
2. Is réimse é an t-aistriúchán closamhairc atá faoi bhorradh ar ardáin éagsúla agus béim níos mó á leagan ar an bhfotheidealúchán chun críche tuisceana agus reaireachta.
3. Gné mhór den chúrsa is ea oiliúint phraiticiúil le TMI—ceann de phríomhghnólachtaí an tionscail in Éirinn—agus úsáid á baint san oiliúint sin as na bogearraí agus na huirlisí a úsáidtear sa tionscal féin.

An mian leat iarratas a dhéanamh?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Ateangaireacht Chomhdhála

## Do Chúrsa

Déanfar staidéar ar an dá chineál ateangaireachta: ateangaireacht leantach agus ateangaireacht chomhuaineach. Bainfear úsáid as cleachtaí éagsúla chun oiliúint sna scileanna seo a chur ar mhic léinn: cleachtaí cuimhne; ateangaireacht gan nótaí; ateangaireacht le hamharc; teicnící um breacadh nótaí agus ateangaireacht chomhuaineach le script. Bainfear úsáid as an taisclann institiúide agus scrúdófar na hardáin nua um chianateangaireacht atá ag teacht chun cinn. Is iad an Ghaeilge, an Béarla, an Fhraincis, an Spáinnis, an Iodáilis agus an Ghearmáinis atá á dtairiscint mar theangacha an chúrsa seo. Déanfar staidéar ar theoiric agus cleachtas na hateangaireachta, áit a ndíreofar ar scileanna cumarsáide, e.g., glóroiliúint. Scrúdófar an eitic phroifisiúnta a bhaineann leis an gceird seo freisin, mar aon le nósanna imeachta comhdhála, cleachtais oibre agus dálaí oibre.

## Deiseanna Gairme

Is gá cáilíocht iarchéime ateangaireachta a bheith bainte amach agat chun na scrúduithe idir-institiúideacha AE a dhéanamh agus tabhairt faoin obair ghairmiúil. Tá poist mhaithe ateangaireachta le fáil ar fud an domhain: éilítear seirbhísí ateangaireachta ag comhdhálacha, tionóil agus féilte. Tá céimithe an chúrsa ag obair in institiúid an AE agus na NA chomh maith le hinstitiúidí móra eile go hidirnáisiúnta chomh maith le tithe an Oireachtais anseo in Éirinn.

## Riachtanais Iontrála

Beidh céim onóracha 2.2 chomh maith le:

- Sárchumas labhartha ina máthairtheanga ag iarrthóirí;
- Sárchumas tuisceana ina dteangacha oibre;
- Sárscoilleana cumarsáide;
- Spreagadh láidir.

## TUILLEADH EOLAIS LE FÁIL AG:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/ateangaireacht-chomhdhala-irish.html.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/ateangaireacht-chomhdhala-irish.html.html)



**AN CLÁR:** MA/ Dioplóma Iarchéime

**FAD AMA:** Dioplóma Iarchéime, bliain acadúil amháin; MA, bliain iomlán féilire (Meán Fómhair go Lúnasa)

**LÍON ÁITEANNA:** 12

**CÓD AN CHÚRSA:** 1MAC1

## TÁILLÍ AGUS MAOINIÚ:

Le tuilleadh eolais a fháil faoi tháillí agus faoi dheiseanna maidir le maoiniú féach leathanaigh 314 agus 316. Tá mic léinn i dteideal cur isteach ar dheontas ó DG Interpretation ag [bit.ly/3fDqm6](https://bit.ly/3fDqm6).

## CATHAIN IARRATAS A

**DHÉANAMH:** Níl aon dáta deiridh leagtha síos ag Ollscoil na Gaillimhe maidir le glacadh le hiarratas (seachas i gcásanna eisceachtúla). Eiseofar tairiscintí ar bhonn leanúnach. Cuirtear ina luí ar iarratasóirí iarratas a dhéanamh chomh luath agus is féidir. Chun na mionsonraí ar fad a fheiceáil maidir le cathain agus conas iarratas a dhéanamh féach leathanach 312.

## SONRAÍ TEAGMHÁLA

Susan Folan

**F:** +353 91 495 810

**R:** [ateangaireacht@ollscoilnagaillimhe.ie](mailto:ateangaireacht@ollscoilnagaillimhe.ie)



## CÚISEANNA CHUN TABHAIRT FAOIN gCÚRSA



**1.** Is gá go mbeadh iarchéim san ateangaireacht ag duine le tabhairt faoi na scrúduithe ateangaireachta idirnáisiúnta agus is é seo an t-aon chlár dá leithéid in Éirinn.

**2.** Tá poist mhaithe ateangaireachta le fáil ar fud an domhain go háirithe in institiúidí an AE. Eagróidh an Ollscoil seachtain staidéir chuig Coimisiún agus Parlaimint na hEorpa.

**3.** Ateangairí proifisiúnta atá gníomhach ar an margadh atá ag teagasc ar an gcúrsa seo.

An mian leat iarratas a dhéanamh?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Ateangaireacht Chomhdhála/ Conference Interpreting

## Your Course

This programme trains students in the professional skills of conference interpreting, enabling them to avail of the employment opportunities for qualified interpreting professionals. It is the only course of its kind in Ireland—a programme developed in close cooperation with the institutions of the EU. Training is provided by practicing professionals in both modes of conference interpreting—consecutive and simultaneous interpreting—using recommended techniques: concentration exercises, interpretation from memory, sight interpreting, note-taking techniques, and simultaneous with script. The programme also provides monitored use of the institutional speech repository and an introduction to various emerging RSJ platforms. Students study the theory and practice of interpreting, and also examine professional ethics and conference preparation/procedures, along with working practices and conditions. Students will study the institutions of the EU, and the university organises a study visit to the European Parliament and European Commission. Irish, English, French, Spanish, Italian and German are offered on the programme to date. Other languages may be considered based on student numbers.

## Career Opportunities

Students must obtain a postgraduate qualification in Conference Interpreting to allow them to sit the Inter-Institutional EU Accreditation Tests and work as a professional conference interpreter. Students completing this course can avail of considerable employment opportunities worldwide as interpreting services are frequently required at conferences, seminars and so on. Many graduates work with EU and UN institutions. Opportunities are also available outside the large international organisations.

## Minimum Entry Requirements

Students must hold a 2.2 honours degree (or equivalent). In addition, candidates are expected to have:

- An excellent command of their mother tongue;
- Good communication skills;
- Strong comprehension of their chosen languages;
- A high degree of motivation.

Admission to the programme is subject to success in both a suitability test and an interview.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/conference-interpreting.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/conference-interpreting.html)

## PROGRAMMES AVAILABLE:

MA, PDip

## DURATION:

Postgraduate Diploma, one academic year; MA, one calendar year (September to August)

## NUMBER OF PLACES: 12

## COURSE INSTANCE(S): 1MAC1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316. Applicants are also eligible to apply to the EU DG Interpretation Bursaries: [bit.ly/3fDqm6W](http://bit.ly/3fDqm6W).

## CLOSING DATE:

University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Susan Folan

T: +353 91 495 810

E: [interpreting@universityofgalway.ie](mailto:interpreting@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. This is the only postgraduate conference interpreting programme in Ireland.
2. This qualification is essential for applying for the multitude of positions available to interpreters internationally.
3. Training is provided by practicing conference interpreters.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Cleachtas Gairmiúil sna Meáin

## Do Chúrsa

Páirtnéireacht eisceachtúil idir Ollscoil na hÉireann, Gaillimh agus Raidió Teilifís Éireann is ea an MA (Cleachtas Gairmiúil sna Meáin) atá á chur ar fáil trí mheán na Gaeilge ag Acadamh na hOllscolaíochta Gaeilge. Faoi bpáirtnéireacht seo, déanfaidh tú staidéar agus anailís chriticiúil ar na meáin agus ar chruinnscríobh na Gaeilge ar líne agus san Ollscoil; agus déanfaidh tú staidéar ar chleachtas gairmiúla chomhaimseartha sna meáin in aonaid Ghaeilge éagsúla de chuid RTÉ i gConamara agus i mBaile Átha Cliath. Cur chuige nuálach agus tarraingteach é seo: beidh deis agat tréimhse suntasacha a chaitheamh ar láithreacha oibre RTÉ le linn an chláir, ní mar ghnáth-intéirneach, ach mar mhac léinn a bheidh faoi stiúir acadúil leanúnach. Ar an gcaoi sin gheobhaidh tú taithí luachmhar san iriseoireacht, sa chraoltóireacht, agus i gcruthú ábhair d'ardáin ilmheán, agus tú ag feidhmiú mar 'chleachtóir machnamhach' sa mhórchraoltóir náisiúnta.

**Ar fáil tríd an fhoghlaim chumaisc:** Cruinnscríobh na Gaeilge 1 (10 ECTS); Gnéithe den Craoltóireacht Chomhaimseartha (10 ECTS); Iriseoireacht na Linne Seo (5 ECTS); Modheolaíochtaí Tionscadail agus Taighde (5 ECTS); Cruinnscríobh na Gaeilge 2 (10 ECTS); Cruthú Ábhair ar Ardáin Ilmheán (10 ECTS); Na Meáin agus a Luchtanna Féachana (5 ECTS); Eiticí agus Litearthacht na Meán (5 ECTS).

## Deiseanna Gairme

Beidh deiseanna fostaíochta ar fáil do chéimithe an chláir i dtionscal na meán, i ngairmeacha gaolmhara, agus i réimse gairmeacha eile ina mbíonn sártaisicint agus taithí ar na meáin ina mbuntáistí sonracha. Ar na fostóirí sin tá RTÉ, TG4, BBC, stáisiúin raidió agus teilifíse áitiúla, comhlachtaí léiriúcháin teilifíse agus raidió, ardáin ilmheán, comhlachtaí caidrimh phoiblí, comhlachtaí stáit agus leathstáit, agus réimse leathan cuideachtaí agus gnólachtaí san earnáil phríobháideach.

## Riachtanais Iontrála

Bunchéim Dara hOnóracha, Grád 2 ag leibhéal 8, nó Dara hOnóracha, Grád 2 i gclár iarchéime. Is féidir le hiarrthóirí nach bhfuil na cáilíochtaí acadúla cuí acu, ach a bhfuil ar a laghad cúig bliana de thaithí gairmiúil acu i réimse na meán nó i réimse gaolmhara, iarratas a dhéanamh faoi chóras na hOllscoile d'Aitheantas don Réamhfhoghlaim (RPL). Is gá d'iarrthóirí Stiúrthóir Acadúil an chláir a shásamh go bhfuil an caihdeán seo acu sa Ghaeilge.

## TUILLEADH EOLAIS LE FÁIL AG:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/cleachtas-gairmiuil-sna-meain.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/cleachtas-gairmiuil-sna-meain.html)

**AN CLÁR:** MA, Dioplóma Iarchéime

**FAD AMA:** Bliain amháin, lánaimseartha; dhá bhliain, páirtaimseartha

**LÍON ÁITEANNA:** 15

**CÓD AN CHÚRSA:** 1MGM1, lánaimseartha; 1MGM2, páirtaimseartha

## TÁILLÍ AGUS MAOINIÚ:

Le tuilleadh eolais a fháil faoi dheiseanna maidir le táillí agus maoiniú féach leathanaigh 314 agus 316.

## CATHAIN IARRATAS A

**DHÉANAMH:** Níl aon dáta deiridh leagtha síos ag Ollscoil na Gaillimhe maidir le glacadh le hiarratas (seachas i gcásanna eisceachtúla). Eiseofar tairiscintí ar bhonn leanúnach. Cuirtear ina lúí ar iarrthóirí iarratas a dhéanamh chomh luath agus is féidir.



## SONRAÍ TEAGMHÁLA

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## CÚISEANNA CHUN TABHAIRT FAOIN gCÚRSA

1. Taithí oibre an-suntasach le RTÉ le linn an chláir.
2. Staidéar agus taithí ar an iriseoireacht, ar an ggraoltóireacht agus ar an gcruthú ábhair d'ardáin ilmheán.
3. Iníúchadh ar na meáin sa saol comhaimseartha.

An mian leat iarratas a dhéanamh?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Gaeilge Fheidhmeach

## Do Chúrsa

Is cúrsa dhá bhliain atá i gceist leis an Ard-Diplóma sa Ghaeilge Fheidhmeach atá dírithe go príomha ar mhic léinn a bhfuil céim onóracha bainte amach acu cheana féin i ndisciplín seachas an Ghaeilge ach atá ag iarraidh an Ghaeilge a shaothrú mar ábhar acadúil ag Leibhéal 8.

### Ag deireadh an chláir seo, beidh an mac léinn ábalta:

- Ardchaighdeán Gaeilge idir labhairt agus scríobh (leibhéal B2 ar an bhFráma Tagartha Comónta Eorpach do Theangacha) a léiriú;
- Bunchoincheapa an bhéaloidis a mhíniú agus a léiriú;
- Léargas a thabhairt ar na dúshláin a bhaineann le haistriúchán go Gaeilge agus ón nGaeilge;
- Stair na meán traidisiúnta agus comhaimseartha a phlé;
- Anailís chriticiúil a dhéanamh ar théacsanna liteartha;
- Dioscúrsa acadúil a chur i láthair i bhfoirm scríofa i nGaeilge.

## Deiseanna Gairme

Tabharfaidh an tArd-Diplóma seo cáilíocht aitheanta sa Ghaeilge do mhic léinn, cáilíocht a chuirfidh go suntasach lena gcuid deiseanna fostaíochta, san earnáil oideachais go háirithe. Beidh deiseanna freisin ag mic léinn oibriú sna meáin chumarsáide, sa tseirbhís phoiblí, in earnáil an aistriúcháin agus san earnáil phobail. Beidh deiseanna ag mic léinn a bhaineann an tArd-Diplóma seo amach leanúint dá gcuid staidéir ar an nGaeilge ar an MA sa Léann Teanga, an MA sa Nua-Ghaeilge nó an MA san Ateangaireacht Chomhdhála.

## Riachtanais Iontrála

Beidh céim onóracha, nó a comhionann, in ábhar ar bith riachtanach le tabhairt faoi Ard-Diplóma seo. Ina theannta sin, caithfidh iarrthóirí a léiriú do stiúthóir an chúrsa go bhfuil cumas sách ard sa Ghaeilge, idir labhairt agus scríobh, acu chun tabhairt faoin gcúrsa go sásúil.

### TUILLEADH EOLAIS LE FÁIL AG:

[www.universityofgalway.ie/acadamh/cursai/cursai\\_iarcheime/ard\\_diop\\_gaeilge\\_fheidhmeach](http://www.universityofgalway.ie/acadamh/cursai/cursai_iarcheime/ard_diop_gaeilge_fheidhmeach)



An mian leat iarratas a dhéanamh?



[www.ollscoilnagailimhe.ie/acadamh](http://www.ollscoilnagailimhe.ie/acadamh)

**AN CLÁR:** Ard-Diplóma

**FAD AMA:** Dhá bhliain, páirtaimseartha

**LÍON ÁITEANNA:** 30

**CÓD AN CHÚRSA:** 1AGF1, páirtaimseartha; 1AGF2, ar bhonn modúil

### TÁILLÍ AGUS MAOINIÚ:

Le tuilleadh eolais a fháil faoi dheiseanna maidir le táillí agus maoiniú féach leathanaigh 314 agus 316.

Is féidir le múinteoirí cur isteach ar An Scéim um Aisíoc Táillí Múinteoirí; tá níos mó eolais ar fáil ag an nasc seo: [www.mie.ie/en/study\\_with\\_us/refund\\_of\\_fees\\_scheme/](http://www.mie.ie/en/study_with_us/refund_of_fees_scheme/)

### CATHAIN IARRATAS A

**DHÉANAMH:** Déan iarratas ag [www.oegailimh.ie/acadamh](http://www.oegailimh.ie/acadamh)

### SONRAÍ TEAGMHÁLA

Dr Éamon Ó Cofaigh

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**R:** [eamon.ocofaigh@oegailimh.ie](mailto:eamon.ocofaigh@oegailimh.ie)



## CÚISEANNA CHUN TABHAIRT FAOIN gCÚRSA



**1.** Dearadh ábhar an chláir léinn seo le go dtiocfadh an cháilíocht le riachtanais na Comhairle Múinteoireachta don ábhar curaclaim Gaeilge.

**2.** Seachadfar an clár ar bhonn páirtaimseartha thar dhá bhliain agus bainfead leas as foghlaim chumaisc lena thairiscint. Tabharfar deis d'fhoghlaimseoirí a gclár ama agus a n-ualach oibre a chur in oiriúint dá gcúinsí maireachtála féin.

**3.** Tabharfaidh na teagascóirí tacaíocht agus aiseolas ag ceardlanna míosúla ar champas na hOllscoile. Tabharfaidh siad tacaíocht agus aiseolas ar líne do mhic léinn ar an ríomhphost agus ar fhóram plé freisin.



# Léann an Aistriúcháin

## Do Chúrsa

Tá an cúrsa seo á chur ar fáil ar mhaithe leo siúd ar spéis leo oiliúint i ngnéithe de Léann an Aistriúcháin a chuirfeadh ar a gcumas scileanna aistriúcháin a fheidhmiú go gairmiúil, in earnálacha éagsúla. Déanfar scrúdú grinn ar an leagan is déanaí de Chaighdeán Oifigiúil na Gaeilge mar bhunchloch d'obair an aistritheora. Chomh maith le hoiliúint sna cineálacha téacsanna ginearálta is minice a bhíonn á láimhseáil ag aistritheoirí, tabharfar dúshlán an mhic léinn chomh maith i sainréimsí an aistriúcháin liteartha agus an aistriúcháin reachtaíochta. Gheofar léargas ar na huirlisí éagsúla teicneolaíochta a mbaineann aistritheoirí na Gaeilge leas astu—bogearraí aistriúcháin ríomhchuidithe ina measc. Toisc gur foghlaim chumaisc (meascán de ranganna ar líne agus roinnt ceardlann ar an gcampas féin) atá i gceist, feileann an cúrsa seo thar cionn do dhaoine atá ag obair go lánaimseartha nó go páirtaimseartha.

## Deiseanna Gairme

Baineann an-chuid deiseanna oibre leis an aistriúchán: mar fhéinfhostaíocht, mar shlí bheatha do dhaoine ar mhaithe leo a bheith ag obair sa bhaile, agus mar bhealach chun ioncam breise a ghnóthú don té atá ag obair i bpost lánaimseartha nó páirtaimseartha. Éiríonn na daoine a bhfuil cáilíocht aistriúcháin acu poist a fháil go rialta le gnólachtaí aistriúcháin, na meáin chumarsáide, eagraíochtaí Gaeilge, institiúidí an Aontais Eorpaigh, agus eagraíochtaí stáit.

## Riachtanais Iontrála

**MA:** Bunchéim Dara hOnóracha, Grád 2 ag Leibhéal 8, nó Dara hOnóracha, Grád 2 i gclár iarchéime i réimse gaolmhar. Ní mór d'iarrthóirí tabhairt faoi scrúdú iontrála chun a gcumas i scríobh na Gaeilge a léiriú.

**Teastas Iarchéime:** Bunchéim Dara hOnóracha, Grád 2 ag Leibhéal 8, nó Dara hOnóracha, Grád 2 i gclár iarchéime i réimse gaolmhar. Ní mór d'iarrthóirí tabhairt faoi scrúdú iontrála chun a gcumasi scríobh na Gaeilge a léiriú.

## TUILLEADH EOLAIS LE FÁIL AG:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/leann-aistruichain-ma.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/leann-aistruichain-ma.html)

[www.universityofgalway.ie/courses/taught-postgraduate-courses/leann-aistruichain.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/leann-aistruichain.html)

**AN CLÁR:** MA, Teastas Iarchéime

**FAD AMA:** Dhá bhliain (MA); bliain amháin nó dhá bhliain (Teastas Iarchéime)

## LÍON ÁITEANNA:

Neamhtheoranta

**CÓD AN CHÚRSA:** 1MAL1, 1MAL, MA; 1TLA1, Teastas Iarchéime

## TÁILLÍ AGUS MAOINIÚ:

Le tuilleadh eolais a fháil faoi dheiseanna maidir le táillí agus maoiniú féach leathanaigh 314 agus 316.

## CATHAIN IARRATAS A

**DHÉANAMH:** Níl aon dáta deiridh leagtha síos ag Ollscoil na Gaillimhe maidir le glacadh le hiarratais (seachas i gcásanna eisceachtúla). Cuirtear ina luí ar iarratasóirí iarratais a dhéanamh chomh luath agus is féidir. Chun na mionsonraí ar fad a fheiceáil maidir le cathain agus conas iarratas a dhéanamh féach leathanach 312.



## SONRAÍ TEAGMHÁLA

Tomás Ó Maolalaidh

F: +353 91 492 734

R: aistriuchan@  
ollscoilnagaillimhe.ie



## CÚISEANNA CHUN TABHAIRT FAOI NA CÚRSAÍ

1. Is féidir tabhairt faoin gcúrsa seo agus tú áit ar bith sa tír nó níos faide i gcéin—beidh formhór an chúrsa ar bun ar líne mar aon le sé cheardlann lae sa bhliain (ar an Satharn) ar champas na hOllscoile.
2. Gheobhaidh tú léargas grinn ar cheird an aistritheora ó theagascóirí a bhfuil taithí na mblianta acu ar réimse an aistriúcháin.
3. Is féidir le mic léinn na creidiúintí ón Teastas Iarchéime a bhreith leo mar chuid de líon iomlán ECTS an MA (Léann an Aistriúcháin).

An mian leat iarratas a dhéanamh?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Léann Teanga

## Do Chúrsa

Is é aidhm an chúrsa seo oiliúint i ngnéithe den Léann Teanga a chur ar mhic léinn a chuirfidh ar a gcumas feidhmiú go gairmiúil trí Ghaeilge, in earnálacha éagsúla. Tabharfar léargas do na mic léinn ar bhunghnéithe faoi leith den Léann Teanga. Diríonn na mic léinn, trí mhodúil sainábhair, ar cheann amháin de na príomhdhisciplíní seo a leanas: Aistriúchán nó Pleanáil Teanga.

Cuirfear oiliúint ar fáil i ngnéithe tábhachtacha den Léann Teanga: Cruinnscriobh na Gaeilge, Modheolaíochtaí Taighde, an Scribhneoireacht Acadúil, agus gnéithe den Chumarsáid Ghairmiúil.

Is féidir le mic léinn an MA sa Léann Teanga cur isteach ar Scoláireacht Mhic Dhonncha nó ar Sparánacht Choilm Uí Eochra, féach: [www.universityofgalway.ie/postgraduate\\_scholarships](http://www.universityofgalway.ie/postgraduate_scholarships).

## Deiseanna Gairme

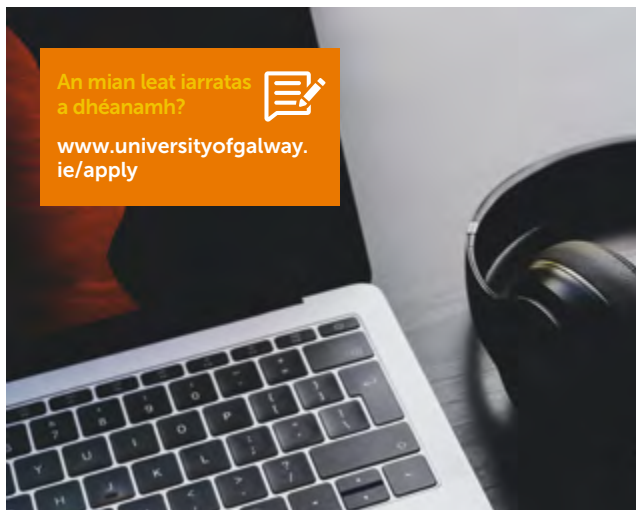
Ullmhóidh an cúrsa seo thú chun tabhairt faoi ghairm in earnáil na teanga. I measc na n-eagraíochtaí a fhostaíonn mic léinn de chuid an chúrsa seo, tá institiúidí an Aontais Eorpaigh, institiúidí aistriúcháin de chuid an Stáit, cuideachtaí príobháideacha aistriúcháin, údaráis áitiúla, eagraíochtaí forbartha de chuid an Stáit, institiúidí oideachais, eagraíochtaí pobail, etc.

## Riachtanais Iontrála

Bunchéim 2.2 ag Leibhéal 8 nó 2.2 i gclár iarchéime i réimse gaolmhar, mar aon le caighdeán sásúil i scríobh na Gaeilge—déanfar é seo a mheas le scrúdú iontrála. Is féidir le hiarrthóirí nach bhfuil na cáilíochtaí acadúla cui acu, ach a bhfuil ar a laghad cúig bliana de thaithe ghairmiúil acu i réimse gaolmhar d'earnáil na teanga, iarratas a dhéanamh faoi chóras na hOllscoile d'Aitheantas don Réamhfhoghlaim (RPL).

## TUILLEADH EOLAIS LE FÁIL AG:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/leann-teanga.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/leann-teanga.html)



An mian leat iarratas a dhéanamh?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

**AN CLÁR:** MA/Diplóma Iarchéime

**FAD AMA:** Go páirtaimseartha thar dhá bhliain acadúla don Diplóma Iarchéime. Scríobhfaidh mic léinn an MA tráchtas idir Aibreán agus Lúnasa tar éis an dara bliain. Lena chois sin, is féidir tabhairt faoin gclár seo ar bhonn modúil.

**LÍON ÁITEANNA:** 20

**CÓD AN CHÚRSA:** 1MLT1

### TÁILLÍ AGUS MAOINIÚ:

Le tuilleadh eolais a fháil faoi tháillí agus faoi dheiseanna maidir le maoiniú féach leathanaigh 314 agus 316. Is féidir le mic léinn cur isteach ar Scoláireacht Mhic Dhonncha, féach: [bit.ly/3sHSL1f](http://bit.ly/3sHSL1f).

### CATHAIN IARRATAS A DHÉANAMH:

Níl aon dáta deiridh leagtha síos ag Ollscoil na Gaillimhe maidir le glacadh le hiarratais (seachas i gcásanna eisceachtúla). Eiseofar tairiscintí ar bhonn leanúnach. Cuirtear ina luí ar iarratasóirí iarratais a dhéanamh chomh luath agus is féidir. Chun na mionsonraí ar fad a fheiceáil maidir le cathain agus conas iarratas a dhéanamh féach leathanach 312.

### SONRAÍ TEAGMHÁLA

Tomás Ó Maolalaidh

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### CÚISEANNA CHUN TABHAIRT FAOIN gCÚRSA



1. Ullmhóidh an cúrsa seo tú chun tabhairt faoi ghairm in earnáil na teanga.
2. Beidh deis speisialtóireacht a dhéanamh i réimse an Aistriúcháin nó na Pleanála Teanga.
3. I measc na n-eagraíochtaí a fhostaíonn iarchéimithe an chúrsa seo, tá institiúidí an Aontais Eorpaigh, institiúidí aistriúcháin de chuid an Stáit, cuideachtaí príobháideacha aistriúcháin, údaráis áitiúla, eagraíochtaí forbartha de chuid an Stáit, institiúidí oideachais, eagraíochtaí pobail, etc.

# Archaeology

This programme is under review and may not be available. The most up-to-date information will be available on the course webpage and on the Discipline of Archaeology website

## Your Course

This Higher Diploma equips the student with core knowledge in aspects of prehistoric, medieval, and modern Irish and European archaeology. It also develops first-stage archaeological research skills in order to position the student to conduct independent research and provides a basis for entry to higher-level postgraduate degree programmes. The structure and content of the programme may suit those interested in changing career direction and especially mature students who wish to enter the postgraduate sector and require a flexible schedule.

The modules on offer include: **Semester 1**—People, Ritual and Death: Life in Early Prehistoric Europe; Metal, Warfare and Chiefdoms—The Bronze Age Roots of European Civilisation; Explaining Prehistory: Current Research Trends; Public Archaeology; Castles, Colonists and Crannogs 1100–1350; *Option* (student chooses one): Early Kingship: From Chaos to Cosmos, **or** Space, Place and the Irish Landscape. **Semester 2**—Interpretation in Archaeology; Archaeology in Practice; Minor Dissertation, and Landscape and Archaeology: Context and Practice.

## Career Opportunities

Graduates have found employment in various areas in the state sector and in the heritage and tourism sectors. Others have taken the course to continue their studies to master's level or through doctoral research.

## Minimum Entry Requirements

The HDip is open to students with a NQAI Level 7 or Level 8 primary degree in any discipline (other than Archaeology), who wish to acquire an academic qualification in Archaeology. A basic knowledge of and interest in archaeology is desirable. Applicants who do not have the required academic qualifications may also be entitled to apply under the university's Recognition of Prior Learning Policy.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/archaeology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/archaeology.html)



### PROGRAMMES AVAILABLE:

HDip

**DURATION:** 1 year, full-time; 2 years, part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1HDA1, full-time; 1HDA2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Maggie Ronayne

**T:** +353 91 493 701

**E:** [maggie.ronayne@universityofgalway.ie](mailto:maggie.ronayne@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

1. This is a conversion course, suitable for candidates from a wide range of disciplines.
2. Students will have multiple fieldwork opportunities.
3. Students will acquire increased analytical skills, and are offered opportunities to learn valuable practical skills in areas such as GIS, oral presentation and academic writing.



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Coastal & Marine Environments: Physical Processes, Policy & Practice

## Your Course

This MSc programme has a strong field-based and applied focus and is offered in direct response to newly emerging discourses on the long-term health of coastal and marine systems. The programme is designed to train skilled personnel who can: advance our understanding of these environments through further research; and offer scientific advice on, organise, and regulate an informed development of coastal and marine resources and activities in Ireland, the EU and worldwide.

The modules currently offered are: Research Methods and Mapping, Dynamics of Climate Change, Coastal Processes and Landforms, Reconstructing Marine Environments, Biodiversity and Coastal Change, and Marine Spatial Planning and Policy. In these modules you will be challenged to engage with established scientific perspectives of how coastal and marine systems work and the strategies used to manage them—especially in response to future climate change scenarios. There is a strong emphasis on transferable and problem-solving skills, reflected in the focus on field-based learning practices (including ship-time on the RV Celtic Voyager) that are embedded in all modules, in addition to an engagement with the most cutting-edge theoretical work from various interdisciplinary fields.

The team is engaged in a broad range of scientific investigations of the physical/human environment, and students will become active members of ongoing research programmes and will learn the research and publication process.

## Career Opportunities

With coastal and marine resources increasingly promoted as being central to revitalising the Irish economy, the coming years will require well-informed and educated leaders who understand the complexities of the interaction between the economy and health of these environments. This should present graduates of this course with opportunities across various fields (coastal and marine science, environment, politics, planning, NGOs, local and regional agencies, research agencies, research laboratories and programmes, etc.). Placement opportunities offer practical work experience that will enhance career prospects.

## Minimum Entry Requirements

Level 8 degree, Second Class Honours or equivalent, with Second Class Honours Grade 1 or equivalent in a relevant field of study. Selection is based on candidates' academic record at undergraduate level, and statement of intent.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/coastal-marine-environments.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/coastal-marine-environments.html)

### PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time; 2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MCM1, full-time; 1MCM2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Liam M. Carr

**T:** +353 91 492 318

**E:** [liam.m.carr@universityofgalway.ie](mailto:liam.m.carr@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Development of skills is supported by a significant focus on practical and field-based learning, including short field courses in Ireland, workshops, conferences, and placement opportunities.
- 2.** Dedicated ship-time on the RV Celtic Voyager.
- 3. Multidisciplinary:** The course is directed at graduates from geography, the natural sciences and other related disciplines of the social and natural sciences, and at professionals in the field who are interested in furthering their knowledge of coastal and marine environments.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Environment, Society and Development

## Your Course

Global issues of security, development and the environment have never been so important. The COVID-19 pandemic, the broader overstepping of ecological boundaries and the threat of climate change have brought questions of neoliberal economic production, environmental sustainability and human security to the fore. If you would like to acquire the critical thinking and field-based learning skills that are essential in addressing these challenges, then the innovative and award-winning MA in Environment, Society and Development (MA-ESD) is for you. The MA involves engagement with a number of core areas in international development, critical security studies and political ecology, and will expose you to global concerns that encompass a complex and dynamic mesh of environmental, geopolitical and economic processes. On the programme, you will gain enormously from the field experience of working with NGOs in Bosnia and Herzegovina, and as a graduate you will have the ability and ambition to activate a wide range of expert critical knowledges in shaping a better world.

## Career Opportunities

Our graduates have gone on to work in key governmental, planning and public policy roles in their home countries, and in a wide range of UN agencies and other national and international NGOs. They have also added richly to the work of environmental agencies and specialist policy institutes throughout the globe, as well as pursuing PhD research in leading academic departments worldwide.

## Minimum Entry Requirements

NQAI Level 8 degree at H2.1 in a relevant subject and H2.2 overall; GPA 3.0, or equivalent international qualification. IELTS score of 6.5, or equivalent, if applicable. Selection is based on academic record, statement of intent and letters of recommendation. Prior learning via relevant work experience is also recognised.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/geography-environment-society-development.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/geography-environment-society-development.html)

*"I find myself frequently falling back on what I learned on the MA-ESD programme to guide my decisions to shape Philadelphia's new environmental and climate justice programme. I feel well equipped to engage with government systems while attempting to center human well-being, and I will always be grateful for the core critical thinking skills attained and the ambition to envision development as participatory, inclusive and grounded in justice and equality."*

**Matina Granieri**, MA-ESD graduate.  
Climate Justice Policy Coordinator,  
Office of Sustainability, Philadelphia, USA.

**PROGRAMMES AVAILABLE:** MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 12

**COURSE INSTANCE(S):** 1MES1,  
full-time; 1MES2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). See page 312 for full details of when and how to apply.



### CONTACT

Professor John Morrissey

**T:** +353 91 492 267

**E:** john.morrissey@universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

1. Field-based learning is at the heart of the programme. In one dedicated module, students interact and work with the UNDP and various international NGOs in Bosnia, and gain vital field experience of civic engagement and community development.
2. The prestigious Neil Smith Graduate Research Award is presented annually to the best overall student. Students work with dedicated individual supervisors, enabling the pursuit of a range of research interests.
3. The MA-ESD teaching team have received a number of accolades for teaching excellence, including: an Irish National Academy Award for the Integration of Research, Teaching and Learning; University of Galway's President's Award for Teaching Excellence (twice); and a Teaching Innovation Award from University of Galway's Centre for Excellence in Learning and Teaching.



# Landscape, Archaeology and Heritage

## Your Course

Occupying the intersection of Landscape, Archaeology and Heritage, this programme reflects international discourses on place-making, cultural heritage and sustainability. Landscape studies have created a common platform for the social and environmental sciences, and with cultural heritage now the de facto fourth pillar of sustainable development, archaeology is developing new dimensions, reaching new audiences, and playing a more central role in landscape management and governance.

### Modules and themes

In keeping with the significant contribution made to literature on the subject, archaeology is at the core of the programme, and modules are designed around refining and developing the unique skillset associated with the material and temporal dimensions of landscapes—recording, analysis, mediation and advocacy. Themes include:

- Landscape Perspectives: landscape, place and heritage theory;
- Interpreting Landscape: case-studies from Ireland;
- Methods and Sources: resources, databases and GIS
- Landscape sustainability;
- Managing landscapes: public and community archaeology, landscape planning, national and international policies, instruments and actors;
- Presenting Landscapes: field-based learning (e.g., Burren Field School).

In addition to taught modules students are required to complete a 15,000-word dissertation.

## Career Opportunities

Graduates from this programme commonly find employment in the field of cultural heritage stewardship and management, heritage-led community liaison and development, public and private (e.g., consultancy) bodies in the field of cultural heritage, landscape and archaeology as well as regulatory bodies. Some students use this programme as a springboard to doctoral studies.

## Minimum Entry Requirements

NQAI Level 8 degree in archaeology awarded at Second Class Honours, Grade 2 standard overall with at least a Second Class Honours Grade 2 in archaeology, or its equivalent in education and/or professional experience. An interview may form part of the selection process.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/geography-landscape-archaeology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/geography-landscape-archaeology.html)

### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 20–25. The programme is offered subject to a minimum number of six registered applicants.

**COURSE INSTANCE(S):** 1LAH1, full-time; 1LAH2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). See page 312 for full details of when and how to apply.



### CONTACT

Conor Newman

**T:** +353 91 493 407

**E:** conor.newman@universityofgalway.ie



### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Leaders in landscape and heritage, with over 20 years' experience of running Ireland's most successful MA programme in landscape archaeology.
- 2.** Flexible and innovative programme, combining theory and practice, designed for today's and tomorrow's job markets.
- 3.** Emphasis on place-based learning, our programme has as its classroom some of the world's most iconic landscapes.

### Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Rural Futures Planning and Innovation

## Your Course

Rural places and communities, rapidly changing and evolving, have a complexity on a par with their urban counterparts in terms of the processes and trends that shape them. Equally, while particulars of what drives change and development in rural areas is linked to past and present knowledge, uncertainty about the future of rural areas, and even more so the ability to plan for the possible and desired shape of that future, continues to present a challenge. This programme responds to these challenges by focusing on how planning and innovation can contribute to the future of rural areas. The programme explores how we can envisage and strategically plan for rural change (including agricultural change), and how we might aim for alternative, desirable future rural developments based on the promotion of innovation. It emphasises how planning and innovation are linked to improvements—in methods, processes, products, services or technologies—in supporting and nurturing new ideas which promote a sustainable rural future.

## Career Opportunities

a number of areas dealing with rural innovation, development and planning, including the following: government departments; public service organisations; local tourism and heritage organisations; local development organisations; international aid organisations. Further study opportunities—graduates of this programme will be able to continue their studies to PhD level in a range of disciplines at University of Galway.

## Minimum Entry Requirements

A Level 8 degree, or equivalent, with a standard of H2.2 overall, with H2.1 in a relevant discipline.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/geography-rural-futures-planning-innovation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/geography-rural-futures-planning-innovation.html)



## PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MRP1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

## CONTACT

Dr Marie Mahon

**T:** +353 91 492 376

**E:** [marie.mahon@universityofgalway.ie](mailto:marie.mahon@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** The programme is delivered by staff who: have established reputations in internationally and nationally funded rural research and publications; have active networks with key international and national rural institutions; and have extensive teaching experience ranging from undergraduate to PhD level.
- 2.** The focus on futures planning is unique, emphasising progression toward desired rural futures.
- 3.** The programme emphasises field-based and applied approaches to teaching and learning, developing strong rural-specific and other skills valued by employers.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# International Development Practice

## Your Course

This dynamic MA in International Development Practice focuses on the social, economic, political and environmental challenges of our rapidly changing world. The Sustainable Development Goals sets out the current Agenda for Change and requires people with new skill sets, including an ability to tackle complex development problems in a multi-disciplinary manner. MIDP Students are offered a range of modules that challenge them to examine concepts of 'development' using core conceptual and practical debates of contemporary international development. The programme is led by staff who work in multilateral agencies, and have a background in human rights, policy, planning, gender, and migration, with practical field-based research experience across many countries worldwide. The MIDP will provide the platform to build on your enthusiasm to instigate and lead change, while positioning your career in this domain.

## Career Opportunities

The MA in International Development Practice enables students to develop their skills so they are competitive for distinct career paths in international development institutions. This includes potential careers within UN agencies (such as the ILO, FAO, UNICEF, IOM, etc.), international NGOs (e.g., Concern, Oxfam, etc.) or bilateral aid organisations. Some students may want to pursue careers in research institutes, for example as PhD students or Research Assistants. Other students may seek careers in companies or foundations which have an international development component. The combination of theoretical knowledge with a practical focus on skills (such as project planning, monitoring and evaluation, economics, data analytics, statistics etc.) will position you for a vibrant career in international development and allow you to engage robustly in discussions related to global development.

## Minimum Entry Requirements

An upper second class degree in areas such as social or economic sciences, environmental sciences, management, business, health, human rights, engineering or science. Those with a lower degree grade or relevant experience in international development will be considered. Please also see the University's Recognition for Prior Learning Policy:

[www.universityofgalway.ie/adult-learning/recognition-of-prior-learning](http://www.universityofgalway.ie/adult-learning/recognition-of-prior-learning)

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/international-development-practice.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/international-development-practice.html)

**PROGRAMMES AVAILABLE:** MA

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1IDP1

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



### CONTACT

Dr Una Murray

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The MA will equip you with the core practical skills required for professionally working in international development, and will enable a range of career opportunities in the United Nations (UN) system, NGOs, consultancies, think tanks, and leading international development institutions.
- 2.** The course is taught by a multidisciplinary staff with decades of work experience in the international development area across key domains, including climate change, trade, migration, social inclusion, gender, rights-based approaches, project management, evaluation, and economic and data analytics.
- 3.** If you are interested in global challenges, and would like to be a change agent applying critical theory to practice, this MA is for you. There are options for on-campus or online modes of delivery in Semester 2.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Creative Arts Management

## Your Course

**Module EN6142—Creative Arts Ideas Lab:** This course provides practical skills development in Design Thinking, models for using creativity in business, and case studies of creative business practice including Netflix, Pixar, Romero Gaming, and others.

**Module DT6132—Advanced Producing and Curation:** This module provides practical skills in the fields of producing and curation, covering such areas as budgeting, marketing, management, funding and fundraising, development, and HR.

**Module DT6110—Practical Work Experience:** In this module, students engage in a work placement with one of the university's creative arts partners. This structured work placement will include a reflective assessment and research component, and is co-designed by industry partners.

The taught component of this programme is 30 ECTS, Course modules are assessed by a combination of essays, class projects, seminar presentations, and practice-based activities.

## Career Opportunities

This programme is ideally suited to people who wish to develop skills in the area of creative arts management, and will be of relevance to people who wish to develop new opportunities in the arts, tourism, and related fields.

## Minimum Entry Requirements

Applicants are required to hold a primary degree in Arts, Business, or other cognate area OR have at least five years' relevant work experience in creative arts OR business/management (RPL will be available).

### FIND OUT MORE AT:

[www.universityofgalway/courses/taught-postgraduate-courses/creative-arts-management-pgcert.html](http://www.universityofgalway/courses/taught-postgraduate-courses/creative-arts-management-pgcert.html)



### PROGRAMMES AVAILABLE:

PgCert

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1CAM5

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Professor Patrick Lonergan

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### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The creative industries are one of the fastest growing fields in Ireland and internationally.
- 2.** You'll connect directly with the professional creative industries.
- 3.** You can use skills from this course to work across a range of arts practices in the creative industries.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Digital Art, Design and Cultures

## Your Course

The MA Digital Art, Design and Cultures is a unique programme that brings together digital media production skills with humanities research and applications to the creative arts (including moving image, interactive media, performance, and creative writing) and digital cultures (theoretical, archival and heritage perspectives). In this MA, students engage with practice-based research using digital technologies to produce creative art and media within the context of digital cultures. Emphasis is placed on imaginative and innovative uses of communications technologies. The MA programme concludes with a dissertation. Students may produce a project, situating it within the broader field of Digital Art, Design, and Cultures through reflexive and critical engagement. Students also have the option of completing a traditional dissertation.

## Career Opportunities

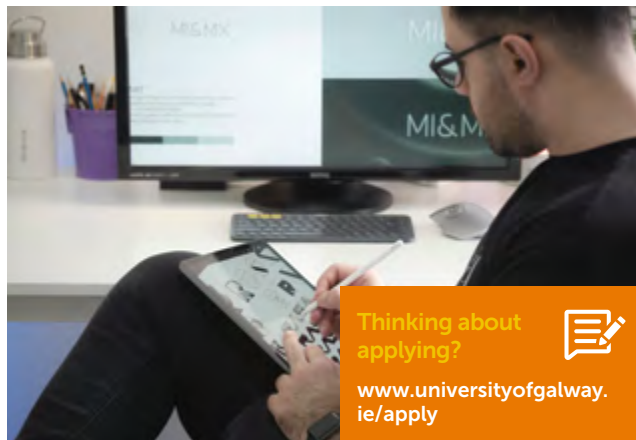
Graduates of this programme will have the capacity to work in a range of areas in the creative and culture industries, as well as the capacity to produce multimedia and creative content within other industries. Career pathways include multimedia production and content creation; careers in media innovation and entrepreneurship; cultural heritage and education; digital and communication technologies skills in other industries.

## Minimum Entry Requirements

Applicants will require a NQAI Level 8 degree, Second Class Honours, or equivalent, with a 2:1 in a related subject. IELTS of 6.5 (including no less than 5.5 in any one component) or TOEFL 88 or Pearson PTE 61 or equivalent. Where applicants do not meet the formal academic requirements, they can apply for entry through the University's Recognition for Prior Learning Policy. Selection is based on a candidate's academic record.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/digitalmediapdp/digital-art-design-and-cultures.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/digitalmediapdp/digital-art-design-and-cultures.html)



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

**PROGRAMMES AVAILABLE:** MA, PDip

**DURATION:** 1 year full-time, 2 years part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1MDA1, 1MDA2, 2MDA2

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



## CONTACT

Huston School of Film & Digital Media

**T:** +353 91 495 076

**E:** [hustonfilmschool@universityofgalway.ie](mailto:hustonfilmschool@universityofgalway.ie)

Conn Holohan

**E:** [conn.holohan@universityofgalway.ie](mailto:conn.holohan@universityofgalway.ie)

## 3 GOOD REASONS TO STUDY THIS COURSE



1. This unique course engages with a range of topics and skills relating to digital art, design and cultures, merging humanities critical rigor with digital media practice.
2. Modules are delivered by combining expertise from the Huston School of Film & Digital Media, School of English and Creative Arts, and Discipline of Journalism and Communication.
3. Digital art, design and cultures involves the creation and synthesis of creative media in unique ways, enabling applications to a range of industry and cultural contexts, including content creation, creative computing, heritage industries, and more.

# Drama and Theatre Studies

## Your Course

This programme blends theoretical and practical approaches to the study of drama, and is particularly suited to applicants who wish to produce theatre publicly, write or review plays, teach drama, or carry out further academic research. Applicants with a general interest in theatre are also very welcome.

## Career Opportunities

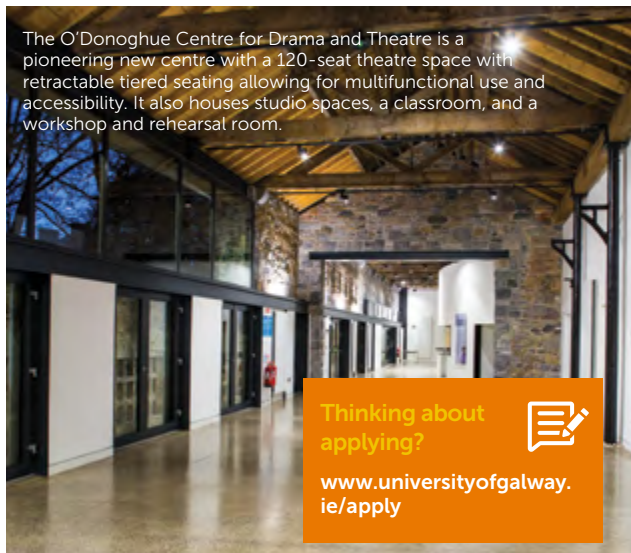
Recent graduates have gone on to work with many theatre companies, including the Abbey Theatre, the Gate Theatre, Rough Magic and the Young Vic (London), among others. They have also found employment in education, the heritage and tourist industries, arts organisations, business and the public service. Many have progressed to PhD study, often winning scholarships in support of their studies. Please also visit [www.universityofgalway.ie/drama/studentsalumni](http://www.universityofgalway.ie/drama/studentsalumni).

## Minimum Entry Requirements

A university arts degree (minimum standard 2.2, or US GPA 3.0). Students will be accepted on the basis of the degree result, a writing sample (5–6 pages)—which can be an academic essay, creative writing piece or theatre reviews—a personal statement outlining suitability for and interest in the programme, and names and contact details of two references. Applicants who do not meet the minimum entry requirements may be admitted via a qualifying exam if they have relevant professional experience, or may be admitted to the PDip. Students who do not meet the honours degree requirement but have a Level 7 degree (Merit 2) may be admitted to the PDip course with the possibility of progressing to the MA if they receive a minimum of 60% in their course work during the year.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/drama-theatre.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/drama-theatre.html)



The O'Donoghue Centre for Drama and Theatre is a pioneering new centre with a 120-seat theatre space with retractable tiered seating allowing for multifunctional use and accessibility. It also houses studio spaces, a classroom, and a workshop and rehearsal room.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

## PROGRAMMES AVAILABLE:

MA. Those who do not meet the minimum entry requirements may be admitted with relevant professional experience via a qualifying exam, or be admitted to the PDip.

**DURATION:** 1 year, full-time; 2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1DG1, full-time; 1DG2, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Miriam Haughton

**T:** +353 91 494 485

**E:** [miriam.haughton@universityofgalway.ie](mailto:miriam.haughton@universityofgalway.ie)

## 3 GOOD REASONS TO STUDY THIS COURSE



1. University of Galway places strong emphasis on interacting with working theatre professionals, as shown by our exciting partnerships with Druid Theatre, Galway International Arts Festival, the Abbey Theatre and others.
2. Students take workshops as part of the Druid Academy, attend workshops with visiting practitioners, have the option of carrying out an internship, and visit the theatre frequently, both in Galway and Dublin.
3. Beyond the honing of translation skills, students will develop a range of transferable skills through collaborative tasks and presentations at various stages of the course.

# Irish Theatre History and Archives

## Your Course

This course offers a hands-on approach to the study of Irish theatre history as a living process. We move from the nineteenth-century plays of Oscar Wilde to the early Abbey plays of W.B. Yeats and Sean O'Casey, to the towering genius of Samuel Beckett in mid-century, to major contemporary dramatists such as Brian Friel, Marina Carr and Enda Walsh and, finally, to the growing role of interdisciplinary arts practice, dance and collaborative theatre-making approaches in the contemporary Irish theatre today. Students on this course have unprecedented access to one of the world's greatest Irish theatre archives—working with the treasures of the Abbey Theatre Digital Archive, as well as the papers of Thomas Kilroy, Druid Theatre, the Lyric Players' Theatre and many more. These archives include hundreds of videos of performances and original promptbooks, as well as correspondence between major authors, drafts of plays, and set and costume designs. With classes taught by world-leading scholars, this course offers students the opportunity to work in the major international centre for research on Irish theatre and performance and to gain access to hands-on work experience in either archive maintenance and acquisition and/or literary management for the theatre.

## Career Opportunities

Students on this course will be well prepared to pursue further research on Irish theatre history, or to seek a career in archiving (or other related library services) and/or literary management and dramaturgy for the theatre. The course also offers all the benefits of an MA degree, providing students with transferable skills in such areas as research, writing, group work, and archiving. Please also visit [www.universityofgalway.ie/drama/studentsalumni](http://www.universityofgalway.ie/drama/studentsalumni).

## Minimum Entry Requirements

The programme is intended for graduates with at least a university arts degree (minimum standard H2.2 or GPA 3.0). Applicants who do not meet the minimum entry requirements may be admitted via a qualifying exam if they have relevant professional experience, or be admitted to the PDip. Students who do not meet the honours degree requirement but have a Level 7 degree (Merit 2) may be admitted to the PDip course with the possibility of progressing to the MA if they receive a minimum of 60% in their course work. Students will be accepted on the basis of the degree result, a writing sample (5–6 pages)—which can be an academic essay, creative writing piece, or theatre reviews—a personal statement outlining suitability for and interest in the programme, and names and contact details of two references.

## FIND OUT MORE AT:

[www.universityofgalway.ie/taught-postgraduate-courses/irish-theatre-history-archives.html](http://www.universityofgalway.ie/taught-postgraduate-courses/irish-theatre-history-archives.html)

## PROGRAMMES AVAILABLE:

MA. Those who do not meet the minimum entry requirements may be admitted with relevant professional experience via a qualifying exam, or be admitted to the PDip.

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MIT1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Miriam Haughton

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. University of Galway's world-leading archives of Irish theatre material includes the digital archive of the Abbey Theatre and the Gate Theatre, as well as the papers of Thomas Kilroy, Druid Theatre, the Lyric Players' Theatre and more.
2. Students on this course have unprecedented access to these materials—almost all of them unavailable anywhere else.
3. This MA also provides valuable skills in archiving and other research methodologies.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Playwriting and Dramaturgy

## Your Course

The MA in Playwriting and Dramaturgy cultivates the growth of the individual writer through an intensive one-year immersion in an ensemble-based learning environment.

All students take modules on playwriting and other forms of theatre practice in which they also have the opportunity to specialise further, based on their own skills and interests. They will cultivate their skills as writers of dramatic texts (playwriting), and also increase their knowledge of a wide range of theatrical structures and forms (dramaturgy) to expand their range as artists.

Writers on this programme will hone their craft through intensive mentorship and a rigorous programme of modules, workshops and theatre trips that places their individual work in the context of the contemporary theatre industry and the history of theatre craft. The programme concludes with a playwriting dissertation and features a public reading of the student's new work at the Centre for Drama, Theatre and Performance.

## Career Opportunities

Graduates of University of Galway writing programmes have gone on to doctoral programmes in the humanities, to teaching, to employment in journalism, magazine editing, travel writing, technical writing and public relations, as well as publishing anthologies and books of poetry, fiction and nonfiction. In the field of theatre, our graduates have gone on to write for such theatres as the Abbey (Ireland) and the Traverse (Scotland), while many have also staged their own works at festivals in Dublin, Galway, Edinburgh and elsewhere. Please also visit [www.universityofgalway.ie/drama/studentsalumni](http://www.universityofgalway.ie/drama/studentsalumni).

## Minimum Entry Requirements

At least a Second Class Honours, Grade 2 (H2.2 or GPA 3.0) undergraduate degree, a personal statement addressing their theatre experiences and aims, two letters of reference, and names and contact details for two references, and a writing sample (5–6 pages)—this can be an academic essay, creative writing or theatre reviews. Entry for candidates with significant relevant experience may be possible. Applicants who do not meet the minimum entry requirements may be admitted via a qualifying exam if they have relevant professional experience, or be admitted to the PDip. Students who do not meet the honours degree requirement but have a Level 7 (Merit 2) degree may be admitted to the PDip course, with the possibility of progressing to the MA if they receive a minimum of 60% in their course work during the year.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/playwriting-dramaturgy.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/playwriting-dramaturgy.html)

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

### PROGRAMMES AVAILABLE:

MA. Those who do not meet the minimum entry requirements may be admitted with relevant professional experience via a qualifying exam, or be admitted to the PDip.

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MPW1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Miriam Haughton

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### 3 GOOD REASONS TO STUDY THIS COURSE



1. You will gain from an immersion in both playwriting and dramaturgy as practical theatrical crafts.
2. You will have personal mentoring from a professional writer in the theatre industry as well as our academic staff of scholars/practitioners.
3. Students will have the opportunity to stage their work on campus in the O'Donoghue Centre for Drama, Theatre and Performance as well as work directly with the Druid Theatre Director-in-Residence, and participate in master-classes and workshops with other members of the company, including artistic director Garry Hynes, the first woman to win a Tony Award for directing.

# Theatre Practice and Production

## Your Course

The MA in Theatre Practice and Production prepares students for professional-level work in the theatre and other creative industries. Students take modules in many different aspects of theatre practice, including ensemble performance, direction, and performance. An optional internship with an Irish theatre company forms part of the course. During the summer months, students complete a practice-based research project in acting, playwriting, direction, devising or design—which is used for their final dissertation. Students benefit from our continuing links and partnerships with many Irish theatre companies, including Druid, the Abbey (Ireland's national theatre), the street theatre company Macnas and the world-renowned Galway International Arts Festival. Our intensive programme of talks by leading artists and scholars puts you directly into conversations about the state of theatre now.

## Career Opportunities

The course is geared toward people who wish to work in the theatre, arts or creative industries. It is also relevant to people who wish to develop their skills while working in such fields as amateur theatre or education. Please also visit [www.universityofgalway.ie/drama/studentsalumni](http://www.universityofgalway.ie/drama/studentsalumni).

## Minimum Entry Requirements

The programme is intended for graduates with at least a Second Class Honours Grade 2 (H2.2 or GPA 3.0) degree, a writing sample (5–6 pages)—academic essay, theatre reviews, excerpt from play, director's notebook, etc.—a personal statement outlining suitability for and interest in the programme, and names and contact details of two references. Entry for candidates with significant relevant experience may be possible. Applicants who do not meet the minimum entry requirements may be admitted via a qualifying exam if they have relevant professional experience, or be admitted to the PDip. Students who do not meet the honours degree requirement but have a Level 7 (Merit 2) degree may be admitted to the PDip course, with the possibility of progressing to the MA if they receive a minimum of 60% in their course work during the year.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/theatre-practice-production.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/theatre-practice-production.html)

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



## PROGRAMMES AVAILABLE:

MA. Those who do not meet the minimum entry requirements may be admitted with relevant professional experience via a qualifying exam, or be admitted to the PDip.

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MPW1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

## CONTACT

Dr Miriam Haughton  
T: +353 91 494 485  
E: [miriam.haughton@universityofgalway.ie](mailto:miriam.haughton@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



**1.** Central to the programme is the work of the Druid Academy. It allows students to benefit from University of Galway's partnership with Druid Theatre—recently described by the *New York Times* as “one of the world's great theatre companies”.

**2.** Students work directly with the Druid Theatre Director-in-Residence and participate in masterclasses and workshops with members of the company, including artistic director Garry Hynes, the first woman to win a Tony Award for directing.

**3.** Students have access to the university's rich theatre facilities in the O'Donoghue Centre for Drama, Theatre and Performance.

# Film Studies: Theory and Practice

## Your Course

The MA in Film Studies: Theory and Practice is a pioneering programme that prepares students for a range of careers in film, screenwriting and media-related areas. Film today offers a broad mix of employment opportunities, including in academia, film and media industries, and in film/creative arts administration. This programme combines a strong academic focus on the theoretical and historical study of film, with modules addressing screenwriting, digital film practice, film education and film festival curation. The programme has close connections with PALAS—Galway's award-winning arthouse cinema as well as the annual Galway Film Fleadh.

The programme allows students to pursue an academic-focused pathway or a practice-based approach to film, including the possibility of completing a feature-length screenplay as part of the final project/minor dissertation. The full-time programme comprises three seminar courses during the academic year and a choice from up to six options over two 12-week semesters, from which students must choose three. Part-time students will take half of these modules each year.

## Career Opportunities

Graduates have gone on to further research at PhD level and have acquired positions as lecturers and researchers in third-level institutions. Graduates have also found employment in a range of film festival, film and media production, and journalism roles, including university lecturer, television producer, publisher's production assistant, film producer and director, newspaper editor, journalist, teacher, theatre administrator, and film festival programmer.

## Minimum Entry Requirements

QQI Level 8 degree or equivalent, H2.2, GPA 3.0, or equivalent international qualification. Students who do not meet the honours degree requirement but have a Level 7 degree (Merit 1) may be admitted to the PDip course with the possibility of progressing to the MA if they receive a minimum of 60% in their course work during the year. Applicants are required to submit a writing sample, consisting of either a graded academic essay or a review essay of a recent film (1,000 words), and a personal statement with their application.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/film-studies.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/film-studies.html)



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

### PROGRAMMES AVAILABLE:

Students may apply for the MA in Film Studies. Those who do not meet the minimum entry requirements may be admitted with relevant professional experience via a qualifying exam, or be admitted to the PDip.

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1FU4, full-time; 1FU5, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). See page 312 for full details of when and how to apply.

### CONTACT

Dr Tony Tracy

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## 3 GOOD REASONS TO STUDY THIS COURSE



**1. Duration options:** The course may be taken as a full-time, one-year degree OR as a part-time degree taken over a two-year period.

**2. Film school:** The course is offered within the Huston School of Film & Digital Media, which was established in 2003 under the patronage of the (John) Huston family. The school offers a dynamic approach to film and digital media education in a leading centre for cinema and digital culture, Galway, which is recognised as a UNESCO City of Film.

**3.** The programme provides students with a range of important skills for both academic and professional positions and is delivered by leading Film Studies academics and practitioners.



# English

## Your Course

Students take one core taught module (Writing and Research). In this module, students advance their research skills and they develop a range of higher-level research, reading, and writing strategies. Students learn how to design, revise and carry out a credible dissertation plan. Students choose a further five elective taught modules from a wide range of options in the areas of literature, literary, and cultural and social theory, as well as in the cognate areas of film studies, drama, Irish studies, digital humanities, and journalism.

## Career Opportunities

The taught coursework on this programme will enable students to extend their knowledge of English beyond the boundaries of their undergraduate experience and to develop a range of important and transferable skills that will serve them well in the job market or in further education, for example on a PhD programme. Students will learn how to achieve a regular habit of research and writing, meet deadlines, give persuasive, well-researched talks and presentations, use libraries and resources effectively, articulate ideas to others, work in a team, write well, and revise, edit and improve drafts of written work. These are valuable skills that will translate easily into a wide range of careers. Graduates of this programme are well placed to succeed in arts administration, teaching, creative writing, PR, research, broadcasting, publishing, journalism, non-fiction writing and marketing.

## Minimum Entry Requirements

BA in an Arts, Humanities or Social Sciences discipline with a minimum result of H2.2 overall, with a H2.1 in English, or an equivalent international qualification (e.g., BA with minimum GPA of 3.0 for North American applicants). IELTS score of 7.0 or equivalent if applicable. Please see website for any updates to these entry requirements.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/english.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/english.html)

### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MEN1,  
full-time; 1MEN2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dermot Burns

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### 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** The excellent oral and written communication skills, advanced research skills and critical thinking skills that an MA in English cultivates are highly valued by employers.
- 2.** This qualification is recognised as a career-advancing asset within the education, culture, media and knowledge industries.
- 3.** You can propose your own topic of study for your research project, allowing you to pursue your particular interests.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Literature and Publishing

## Your Course

This long-established and perennially popular MA remains Ireland's only postgraduate programme dedicated to literature and publishing. It is a distinctive offering that explores the interfaces between writing and the marketplace, between literature and transmission, and between the aesthetic and material aspects of texts. Students deepen their existing knowledge of literature while also developing new competencies in areas such as marketing, the practical elements of editorial and production work, and the business aspects of contemporary publishing. This MA not only strengthens academic skills in literary analysis and research, it also places a strong emphasis on preparation for the professional world. Students register for the core modules Contemporary Publishing and Publishing: Perspectives and Professionalisation, and they can select from a variety of optional modules such as Copy-editing and Proofreading, Publishing History, Introduction to Business, Diversity and Activism in YA Fiction, Digital Scholarly Editing, Media and Marketing Communications, Literature and Colonialism, Travel Literature, or Literature of North America. In the programme's final summer months, all students complete either a portfolio project or a research dissertation.

## Career Opportunities

Our graduates have launched successful careers in a range of fields, including publishing, advertising, bookselling, arts administration, social media management, and public relations. Employers across a variety of sectors value the transferrable communication, research, project management, teamwork, and critical thinking skills that are cultivated over the course of this MA.

## Minimum Entry Requirements

NQAI Level 8 degree or equivalent, H2.2 overall with H2.1 in one subject. GPA 3.0 or equivalent. IELTS score of 7.0 or equivalent if applicable. Please see website for any updates to these entry requirements.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/literature-publishing.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/literature-publishing.html)



## PROGRAMMES AVAILABLE:

MA. Those who do not meet the minimum entry requirements may be admitted with relevant professional experience via a qualifying exam, or be admitted to the PDip.

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MLP1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Hands-on publishing experience:** The literary journal *ROPES* is developed, edited, marketed, and produced by this programme's students on an annual basis.
- 2. Industry speakers:** Students have opportunities to hear from and network with guest speakers from publishing and related industries.
- 3. Visits and volunteering:** There may be opportunities for visits to publishing houses or other relevant businesses. Many students volunteer with local book fairs and literary festivals, and some become interns with Irish publishers.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Journalism

## Your Course

The MA Journalism is designed to give you a professional qualification to work as a journalist in the fast-paced media industry. You will take part in an intensive, 12-month training programme in print, digital, broadcast and multimedia practice as well as gain important contextual understanding about the contemporary world of journalism. Core modules include Journalism Bootcamp, Global Media and Society, Social Media and Digital Production, and Multimedia Newsdays and specialised modules in areas like Reporting Economics and Politics, Data Journalism and Visualisation, and Being a Foreign Correspondent. You can choose from three streams; the News Reporting stream, the Business and Financial Journalism stream, and the International Journalism and Human Rights stream. You will learn in a dedicated digital newsroom and new state-of-the-art broadcasting facilities, with opportunities to undertake internships at local and national media organisations.

## Career Opportunities

Graduates on the programme work in a variety of roles in local, national and international media organisations; in the wider media and communications industry; and as communication professionals in business, NGOs, politics and government.

## Minimum Entry Requirements

To be accepted you must have a minimum Second Class Honours degree (ideally at 2.1 honours or higher) or equivalent. To apply, send your CV, a personal statement of no more than 500 words detailing your interest in the programme and your career aspirations, and at least one sample of your work, for example, a blog post, student media, short piece for radio, television or other media. We also welcome applications from people with prior experience in journalism looking to update their skills.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/journalism.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/journalism.html) OR [www.universityofgalway.ie/journalism](http://www.universityofgalway.ie/journalism)



**PROGRAMMES AVAILABLE:** MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1AJ1; 1AJ2

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** Applications will be considered in two rounds. Round 1 closing date—30 April 2023. Round 2 closing date—31 July 2023.

## CONTACT

Dr Tom Felle

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**E:** [tom.felle@universityofgalway.ie](mailto:tom.felle@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



- 1. Hands on:** The programme is practice based, with weekly writing and multimedia assignments designed to give you the professional skills required to work in the media.
- 2. Facilities:** University of Galway has invested in state-of-the-art media facilities including new digital newsrooms and multimedia labs, radio and television studios, and equipment.
- 3. Alumni network:** Graduates of the programme work at all levels in the media, and you'll be joining a network of highly connected alumni.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Global Media and Communication

## Your Course

This programme aims to prepare you to work as a professional in the global media and communications industries with a specialism in a chosen area. You will be trained with high-level communication and production skills to work as a professional in the media industry, across multiple platforms. You will take a dual approach to your studies, being exposed to academic knowledge and understanding as well as practical skills and reflective practice. You will also have an opportunity to further specialise and develop a niche in a subject area of particular interest via a choice of elective streams including Social Media and Digital Technology; Global Business and Financial Communication; Climate Action, Sustainability and STEM Communication, or Humanitarian Communication and Human Rights.

## Career Opportunities

This programme prepares you for a wide range of careers. The valuable oral and written communication skills, advanced research skills, and critical thinking skills that the MA Global Media and Communication programme will offer you are highly transferrable and sought after by employers in sectors including the digital media, news, communications, culture and knowledge industries. You can progress to an exciting variety of careers including media and creative industries; advocacy, civil society, and political organisations; strategic communication; social media and digital content production, digital communication and data analysis; publishing; broadcasting; public relations; news and financial journalism and communication. The programme also offers clear opportunities to pursue further study and research at PhD level.

## Minimum Entry Requirements

A minimum Second Class Honours degree (or equivalent), or be in your final year of study and expecting to graduate Summer 2023. Applications are welcome from people with prior experience in the media looking to update their skills. We welcome applications from all academic backgrounds.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/global-media-and-communication.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/global-media-and-communication.html)

### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 50

**COURSE INSTANCE(S):** 1GMC1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** Applications will be considered in two rounds. Round 1 closing date—30 April 2023. Round 2 closing date—31 July 2023.

### CONTACT

Kelly Fincham

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## 3 GOOD REASONS TO STUDY THIS COURSE



1. High-calibre taught modules.
2. Great facilities including television and radio studios.
3. Career opportunities in digital media and technology; public policy; and journalism.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Student Profile

A little about our students

"After I graduated with a BA (Joint-Honours) in Irish and History at University of Galway, I decided to pursue my studies in journalism and chose the MA (Journalism) at University of Galway. The practical nature of the course really appealed to me and it challenged me to work both independently, and as part of a team to deliver weekly work across print, radio, TV and online to build a strong multimedia portfolio. There was a great mix of highly experienced journalists teaching on the course who brought their passion, skills and advice to the job, and this really made it enjoyable for students. In fact, they still offer me great advice today.

The journalism facilities in University of Galway were great, such as the 4K TV studio and radio studio that allowed me to develop my broadcasting skills. In second semester, the MA class manages their own news website The Galway Pulse which gave me great practical experience in reporting and writing stories in a newsroom setting.

The MA provided me with great opportunities, such as interviewing MEPs in the European Parliament in Strasbourg and working with RTE for the general election. Overall the MA really boosted my career prospects. After I finished the MA (Journalism), I received a graduate internship in the European Parliament's audio visual unit, and I am now an intern in the Irish Independent."

## Amy Blaney

MA Journalism (see page 139)

# Writing

## Your Course

This MA covers a range of genres and forms, and it interacts with our other postgraduate offerings in publishing, literature and drama. The course thus builds on our strengths in the teaching of writing for page and stage, journalism and other media. This course is open to applicants from any disciplinary background (within and beyond the arts) and welcomes all types of writing interests. A 'qualifier' option is available for potential applicants who do not have a university degree but have a suitable publications record or sufficient experience in a related creative field.

Students take six modules in total. One of these is year-long and compulsory: the Writers' Seminar. In addition, students elect five other semester-long modules, two from one semester, and three from the other. As well as year-long workshops in fiction, nonfiction, poetry and playwriting, modules on offer typically include Literary and Cultural Journalism, Feature Writing, and Travel Writing.

## Career Opportunities

Graduates have gone on to work in the areas of teaching, journalism, publishing, editing, public relations and marketing. Graduates have also progressed to various doctoral programmes in the humanities—and it is now also possible to undertake a practice-led PhD in English/Creative Writing at University of Galway. Many graduates have concentrated on their development as independent writers, and over 60 books have been published by writers from this MA.

## Minimum Entry Requirements

A university degree (minimum standard 2.2, or US GPA 3.0) or the equivalent in education and/or professional experience. Students will be accepted on the basis of their degree result (and/or experience), a sample of recent writing (3,000 words maximum) and a personal statement of interest (500 words maximum). Those who wish to explore possibilities for entry through the 'qualifier' option should contact the course director.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/writing.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/writing.html)



## PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1WR1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

## CONTACT

Elaine Feeney

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## 3 GOOD REASONS TO STUDY THIS COURSE



- 1. Seminar:** A weekly Writers' Seminar features writers, publishers, agents and other visitors from the writing professions.
- 2. Cúirt,** Galway's International Festival of Literature, is the focus in April. Students attend events and complete a related assessment.
- 3. Conversion:** This is an ideal conversion course—it is open to applicants from any disciplinary background.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Student Profile

A little about our students

"Doing the MA in Writing at University of Galway was the singular most important decision I've made in my writing life. I had made a commitment to writing, and the programme was perfect for me. It balanced writing workshops with building a portfolio of work. In the workshops we read widely and continued to submit new work, giving and receiving feedback in a supportive environment. I concentrated on fiction and non-fiction but some of my classmates also chose poetry and play writing.

The programme does more than just develop writing. I felt it developed

writers, looking at writing practice and professionalism alongside the creative work. Each week our Writers' Seminar introduced us to practitioners who shared their work and process, including writers, editors, journalists and publishers. We attended the Cúirt International Literary festival, and I got to see some of my heroes read and talk about their process. I felt we had stepped into the writing world.

The MA was life-changing for me. Toward the end of the first term, my fiction tutor Mike McCormack suggested that I stop submitting short stories and start working on a novel. I did.

Faber and Faber published the novel in January 2021 and Harper Collins published it in the USA. It also came out in Germany and Italy. Since the MA, I have been invited to contribute to multiple anthologies, give readings, facilitate workshops, curate an author's series now in its third year and edit a broadsheet of poetry and prose.

The Writing MA in University of Galway has been transformative. I could not recommend it enough."

## Una Mannion

MA (Writing) graduate and author



# Irish Studies— Literature and History

## Your Course

This is an interdisciplinary programme, drawing on the disciplines of English, History, Irish, Sociology and Political Science, and is run within the Centre for Irish Studies. The programme focuses on the nineteenth and twentieth centuries and provides a critical examination of key issues in the historical, cultural and social development of modern Ireland. The approach is interdisciplinary throughout, aiming to provide a comprehensive overview of the Irish experience from the early nineteenth century to the present day. Field trips, guest seminars and workshops are scheduled throughout the academic year. Graduate research training is provided to support and direct the MA dissertation research.

The medium of instruction of the course is English, and Irish language material is studied both in its original and in translation. No previous knowledge of the Irish language is required for entry to this programme.

## Career Opportunities

Recent graduates have found employment in teaching (primary and secondary), the arts, heritage and tourism sectors, journalism, publishing and the public service. A large proportion of graduates of the MA in Irish Studies have proceeded to doctoral research programmes in Ireland, Britain and North America.

## Minimum Entry Requirements

NQAI Level 8 degree at H2.2, GPA 3.0 or equivalent international qualification. IELTS score of 6.5, or equivalent if applicable.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/irish-studies-literature-history.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/irish-studies-literature-history.html)



*Cótaí Dearga (a dance/film and performance piece) was inspired by the women wearing the traditional red skirts of Conamara and Árann (choreographer Rionach Ní Néill and photographer Paul Kinsella).*

### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MLH1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE

1. The Centre for Irish Studies (unique in Ireland), which offers this MA, has established itself as one of the premier locations worldwide for interdisciplinary research and advanced teaching on the cultural, social and political endeavours of Irish people, in Ireland and beyond.
2. This interdisciplinary programme of learning explores key aspects of the Irish experience in its historical and contemporary settings.
3. As well as the Irish-language module on campus, students will receive further instruction in the Conamara Gaeltacht, attending two intensive Irish language weekend courses there.

# Old and Middle Irish

## Your Course

The MA in Old and Middle Irish is designed to provide students with a thorough grounding in the Irish language and literature of the period c. 600–c. 1200. It is aimed at those who already have a good basic knowledge of Irish (medieval or modern) or another Celtic language and, in exceptional circumstances, at those who have an appropriate other background to undertake the study of Old and Middle Irish from the beginning.

### The programme offers taught modules in the following:

- Grammar of Old and Middle Irish;
- Literary History 600–1200;
- Close Reading of Medieval Irish Texts;
- History, Scholarship and Culture in Medieval Ireland;
- Comparative Celtic Linguistics.

## Career Opportunities

Graduates have found employment in teaching and academic research, publishing and the print and electronic media, and have developed careers in the interpretation and management of culture and heritage. The programme provides an excellent foundation for higher research programmes (MLitt and PhD) in many fields of Irish language and Celtic Studies of the medieval, the early modern and the contemporary period. The skills acquired are also highly relevant for research in medieval Irish history and archaeology.

## Minimum Entry Requirements

NQAI Level 8 degree or equivalent, Second Class Honours or equivalent. IELTS 6.5 or equivalent.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/old-middle-irish.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/old-middle-irish.html)



### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1OMI1,  
full-time; 1OMI2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** You gain a thorough grounding in the native language of medieval Ireland and a deep understanding of its deservedly famous literature.
- 2.** If your background is in Modern Irish, this course will open a panorama on the entire Gaelic tradition. If you have prior knowledge of other languages or literatures, it will greatly enrich your understanding of medieval Europe and Ireland's place in it.
- 3.** The programme provides an excellent foundation for MLitt and PhD higher research programmes.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# History

## Your Course

This master's programme enables you to develop a sophisticated understanding of the challenges of interpreting the past. Specialists in modern, early modern and medieval history introduce you to a range of historical sources, reflecting on their uses and limitations. You will learn to evaluate ways in which historians, politicians and the media interpret the past. You will develop research and analytical skills, using the techniques of the history profession to present your findings.

The course comprises core and optional modules (see list on course website). All modules are assessed by coursework. Modes of assessment include projects, essays, reviews, reports and oral presentations. A final dissertation involving original research is an essential component of the programme.

## Career Opportunities

The MA provides an excellent foundation for doctoral studies in History. Graduates are also well suited to employment in areas such as teaching, research, print and electronic media, tourism, cultural and heritage development, library and archives services, and public administration.

## Minimum Entry Requirements

A Second Class Honours BA degree or equivalent with a H2.1 or GPA of 3.3 in History is normally required. Different criteria may apply to mature applicants.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/history.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/history.html)



## PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MAH1,  
full-time; 1MAH2, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

## CONTACT

Dr John Cunningham

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**E:** [john.cunningham@universityofgalway.ie](mailto:john.cunningham@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



1. This programme enables students to develop critical and analytical skills.
2. Graduates are trained in methods of evaluating evidence and encouraged to reflect on different modes of presenting information in print and electronic formats.
3. History at University of Galway is taught by eminent historians, and enjoys a high reputation.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Medieval and Antiquity

## Your Course

This cross-disciplinary programme, unique in Ireland, provides students with a firm foundation in the study of European—including Irish—cultures, languages and societies from the Classical period to the end of the Middle Ages.

The course's interdisciplinary requirements encourage students to view the past, in Europe, Ireland, and beyond, in a multidimensional way while they learn core linguistic and other technical skills necessary for academic research in the Antique and Medieval worlds.

This programme has four core modules. All students study Latin at a level commensurate with their experience. In addition, there is a module in Research Perspectives building on the seminars run by the Centre for Antique Medieval and Pre-Modern Studies (CAMPS). A module in Palaeography and Book Studies introduces students to the practical skills they will need to conduct research in the area while one in Antiquities and Medievalisms interrogates the origins of the discipline and the way in which Medieval and Antique motifs are used in the modern world. Students will take modules in Language and/or Literature in a language of their choice (Early English, French, Irish, Norse). No prior knowledge of these languages is required. They may also choose electives from Archaeology, Classics, History.

## Career Opportunities

Many graduates of this programme pursue research at doctoral level. Others have gone into careers in cultural and heritage development, library and museum studies, publishing and the book trade, print journalism, research consultancies, financial services, the civil service, teaching and administration.

## Minimum Entry Requirements

A Second Class Honours, Grade 1 BA, or a GPA of 3.3, or equivalent international undergraduate degree (at NFQ Level 8) in a relevant subject. Selection is based on applicants' academic records, a confidential academic reference stating their potential for completing a research project, as well as samples of applicants' written work.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/medieval-studies.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medieval-studies.html)



### PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### CLOSING DATE:

University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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Dr Frances McCormack  
**T:** +353 91 493 801  
**E:** [catherine.emerson@universityofgalway.ie](mailto:catherine.emerson@universityofgalway.ie)  
[frances.mccormack@universityofgalway.ie](mailto:frances.mccormack@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. Designed for students who might have no prior knowledge of languages or manuscript studies, this course equips them with the tools needed for innovative scholarly research.
2. Students participate in the university's Centre for Antique, Medieval and Pre-Modern Studies (CAMPS) and the postgraduate IMBAS conference; they are also eligible for certain travel bursaries.
3. About half of graduates have pursued PhDs in Europe or North America, often winning scholarships, and are well placed to proceed to a PhD in Medieval Studies at University of Galway.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Philosophy

NEW  
COURSE

## Your Course

This is a one-year full time (or two-year part-time) programme designed around two main Streams: Public and Applied Philosophy and Post-Kantian European Philosophy. Drawing on long traditions of philosophical thought, our modules aim to explore questions of values, forms of reasoning, and modes of practice as they play out in personal, societal and political contexts. Our MA programme offers a context for detailed consideration of these questions. We identify and interrogate the issues involved deeply and critically. The programme combines historical perspectives and contemporary critical debates to provide analytic and argumentative skills that are advantageous for further work in philosophy or for competing in the job market. A notable feature of the programme is that students are given the opportunity to organise a peer-reviewed international graduate conference. In so doing, students of the programme engage in knowledge exchange with their international peers. Within the Philosophy of Children component, students may have placement experience in Irish schools.

## Career Opportunities

Students on this course will graduate with a range of transferable skills such as Research and Investigative skills, Critical Reasoning, Communication skills, Facility with Arguments and Interpretive skills, which are valued by employers from a wide range of areas including consultancy, administration, cultural organisations, NGOs, public and social services, education, and journalism. It is also a great preparation for further PhD studies.

## Minimum Entry Requirements

NQAI Level 8 at H2.2 in relevant subject area, GPA 3.0 or equivalent international qualification in Philosophy or a cognate discipline. IELTS score of 6.5 or equivalent if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/philosophy.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/philosophy.html)



## PROGRAMMES AVAILABLE:

MA, HDip

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1MVK1,  
full-time; 1MVK2, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Prof. Felix Ó Murchadha

**T:** +353 91 492 573

**E:** felix.omurchadha@  
universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

1. You can specialize in Public and Applied Philosophy or in Post-Kantian European Philosophy or combine the offerings from both of these streams.
2. Uniquely in Ireland you will be able to do research and training in Philosophy for Children (P4C) at Postgraduate level.
3. This programme is designed to give you the skills to engage in transformational thinking about key issues in contemporary life from the ethical issues around advanced technologies to the philosophy of nature.



# Gender, Globalisation and Rights

## Your Course

Opportunity for in-depth study of global issues through a gender lens. Students acquire the knowledge and tools necessary to conduct gender analysis and to apply a gender perspective in relevant fields of employment, locally and internationally, as well as for advanced research. The MA also offers the possibility of completing a professional placement with agencies and organisations where knowledge of gender and global issues is required. The course comprises core and optional modules (see course website for details) and a research paper, which is completed over the summer months. Practical workshops throughout the year strengthen research and writing skills and professional development.

## Career Opportunities

Graduates have found employment with a range of national and international NGOs working in the health sector, women's rights, domestic violence and social work. Students have also gone on to careers with governmental agencies, higher education, and the private sector. The MA is a recognised qualification for fourth level education in social sciences, human rights and the humanities.

## Minimum Entry Requirements

Applicants must have attained Second Class Honours, Grade 1 (2:1), or better, in a primary degree in a relevant discipline (at National Framework of Qualifications Level 8), or equivalent international qualification. Publication/professional experience as deemed suitable by the College of Arts, Social Sciences, and Celtic Studies may be considered if the formal requirements are not completely satisfied.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/gender-globalisation-rights.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/gender-globalisation-rights.html)



## PROGRAMMES AVAILABLE:

MA

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1GG1,  
full-time; 1GG2, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Stacey Scriver

**T:** +353 91 494 116

**E:** [stacey.scriver@universityofgalway.ie](mailto:stacey.scriver@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Skills-building:** This MA equips students with the knowledge necessary to pursue careers in applied policy, research and advocacy, in governmental, non-governmental and media organisations, and where issues of gender, equality, human rights and international development are addressed. Students have the opportunity to publish quality research in Dearcadh: Graduate Journal of Gender, Globalisation and Rights.
- 2. Further study:** Students are also equipped to pursue further postgraduate study in related disciplines.
- 3. Opportunities for experiential learning,** such as a professional placement or field-based learning, enhance the civic engagement, collaborative research and student-led dimensions of the MA experience.

# Politics and Sociology

## Your Course

This programme comprises core taught modules in Politics and Sociology and a thesis of up to 10,000 words which will be supervised by a member of the school's academic staff, providing one-to-one support and expertise in the student's chosen field of enquiry.

All students take core modules in Political Theory, Social Theory, and Research Methods, and also select from a list of optional modules.

## Career Opportunities

This programme will be of interest to students who wish to pursue careers in the public sector, non-governmental organisations, or research, or pursue PhD studies. Students can undertake doctoral studies in political theory, social theory, politics, sociology, research methodologies and policy studies. They will acquire valuable written and oral communication skills, as well as skills in group work, critical thinking and problem-solving, furnishing them with essential graduate employment opportunities.

## Minimum Entry Requirements

A primary degree or its equivalent, with Second Class Honours Grade 2 overall. Applicants should also have achieved an upper Second Class Honours degree (2.1) or equivalent, GPAs of at least 3.0 of 4.0 or equivalent for global students, in a relevant subject such as Sociology, Politics, Philosophy, Public and Social Policy, Geography, History, Economics or Law. An interview may, in addition, form part of the application process.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/ma-sociology-and-politics.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/ma-sociology-and-politics.html)

### PROGRAMMES AVAILABLE:

MA, PDip

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1PSO1,  
1PSO2, 1PSO3

**FEES AND FUNDING:** Fees  
information and funding  
opportunities: pages 314 and 316.

**CLOSING DATE:** 1 June 2023



### CONTACT

Dr Allyn Fives

**T:** +353 91 495 732

**E:** [allyn.fives@universityofgalway.ie](mailto:allyn.fives@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

1. This is Ireland's only MA combining Politics and Sociology.
2. This programme offers students the opportunity to critically explore social and political forces that impact on contemporary issues.
3. This programme will be of interest to students who wish to pursue careers in the public sector, non-governmental organisations, or research, or pursue PhD studies.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Student Profile

A little about our students

"I would absolutely recommend studying the MA in Public Policy at University of Galway. The course prepares you to work in a variety of fields ranging from government to NGOs and civil society organisations. The core modules help to build your understanding of the policy-making process while also affording you the chance to make real-world proposals to both national and European bodies. The variety of modules available allows students to specialise in their own unique area of interest.

I was able to build on my undergraduate studies relating to Irish domestic politics while also discovering a new-found interest in urban planning and city design. The networking trip to Brussels also grants students the opportunity to gain a first-hand insight into the vibrant political system that is the EU. The trip appeals to the group's variety of interests by engaging with sitting MEPs, lobbying groups, NGOs and unions. The range of meetings and engagements also allows you to expand your professional network, giving you a distinct advantage over many graduates.

While undertaking the MA in Public Policy, I also had the opportunity to partake in the 2022 Washington Ireland Programme, a programme designed to inspire and develop promising leaders through a program of personal development, policy debate and community service. I gained great experience assisting the work of Catholic Charities USA in Florida in researching and proposing new policy initiatives to help improve labour trafficking prosecutions globally.

Finally, the overall learning experience of the course is greatly enhanced by the level of one- to-one support offered by the lecturers and coordinators."

## Odhran Whelehan

MA Public Policy, 2022 (see Page 92)





# Public Policy

## Your Course

The MA in Public Policy prepares its graduates to work in government, public bodies, civil society organisations, NGOs, international organisations, businesses and other fields and organisations that require an expert understanding of policymaking. In addition to core policy and research training modules, it offers a field trip to Brussels to examine EU policymaking and specialised modules in specific policy areas including: Policy in the Digital Age; Advocacy and Development; Gender; Peace and Conflict; Disability; Ageing; Child and Family; Ocean and Marine; Urban Policy; Social Welfare; and Negotiation; as well as an optional module in data analytics for public policy. At a time when policy formulation and implementation is increasingly subject to political scrutiny and negotiation, the course emphasises the political contexts in which policy is made and implemented and the development of digital government and new forms of public consultation and participation. The programme is aimed at Arts graduates seeking a qualification that will help them to secure policy-related employment; graduates from other fields including Commerce and Law seeking to improve their employment prospects; graduates interested in pursuing PhD research in public policy.

## Career Opportunities

This programme will be particularly useful for students wishing to work in European and international organisations (e.g., EU, Council of Europe, UN agencies) national or local government, public bodies, civil society organisations, NGOs, businesses (e.g., Google, Facebook, LinkedIn), public affairs, consultancy, public relations, journalism, and other fields and organisations that require an expert understanding of policy-making.

## Minimum Entry Requirements

A primary degree or its equivalent, with Second Class Honours Grade 2 overall. Applicants should also have achieved an upper Second Class Honours degree (2.1) or equivalent, GPAs of at least 3.0 of 4.0 or equivalent for global students, in a relevant subject such as Sociology, Politics, Public or Social Policy, Geography, History, a language, Economics, Business, Law. An interview may, in addition, form part of the application process.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/public-policy-ma-pdip.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/public-policy-ma-pdip.html)



### PROGRAMMES AVAILABLE:

1PPM1 (full-time, MA); 1PPM2 (part-time, MA); 1PPM3 (PDip)

### DURATION:

1 year, full-time;  
2 years, part-time

### NUMBER OF PLACES:

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Professor Niall Ó Dochartaigh

**E:** [niall.odochartaigh@universityofgalway.ie](mailto:niall.odochartaigh@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



1. It provides you with essential expertise in public policy that is relevant to employment in national or local government, public bodies, civil society organisations, NGOs, European and international organisations, businesses, public affairs, consultancy, public relations, journalism, and related fields and organisations that require expertise in public policy.
2. It offers you the opportunity to give direct input into policymaking processes through consultations and policy briefs.
3. It introduces you to a new European and International perspective on public policy, which combines academic expertise and rigorous research with practitioner-oriented skills and networking opportunities.

Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Public Advocacy and Activism

## Your Course

This is an interdisciplinary programme that combines training in the practical skills of advocacy and activism with an exploration of the theories and concepts that inform these fields. No other programme in Ireland offers students the opportunity to acquire skills and training in such a breadth of disciplines, including communications, human rights, and sociology. By drawing on the expertise of scholars and practitioners across these fields, the MA provides the skills crucial for those who wish to work in organizations that seek to shift attitudes and initiate change, including those working in community organisations, international relations, development, labour, rights, health and the environment.

## Career Opportunities

Graduates have gone on to pursue a range of careers in lobbying, campaigning, advocacy, education and humanitarian roles in organisations such as the SOAR Foundation, PETA, UNOCHA, GOAL Ireland, ADAPT Domestic Abuse Services, Amnesty International (Irish section), Cancer Care West, COPE Galway and the National Advocacy Service, the National Youth Council of Ireland, Trócaire, and Spunout. Others have continued in higher education, with a number of PhDs completed or underway. It should be noted that while the MA is structured toward careers in the not-for-profit sector, many of the skills gained during the year, for example those in research methods, analysis, media and communications, are transferable to any sector.

## Minimum Entry Requirements

NQAI Level 8 degree or equivalent H2.2. GPA 3.0 or international qualification. IELTS score of 6.5 or equivalent if applicable. Students who do not meet the honours degree requirement but have a Level 7 (Merit 2) degree may be admitted to the PDip course with the possibility of progressing to the MA if they receive a minimum of 60% in their course work during the year.

[www.universityofgalway.ie/publicadvocacy](http://www.universityofgalway.ie/publicadvocacy)



## PROGRAMMES AVAILABLE:

MA, PDip. Students may apply for the MA in Public Advocacy and Activism. Those who do not meet the minimum entry requirements may be admitted with relevant professional experience via a qualifying exam, or be admitted to the PDip.

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MPA1, full-time; 1MPA2, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). See page 312 for full details of when and how to apply.

## CONTACT

Dr Fiona Bateman

**E:** [fiona.bateman@universityofgalway.ie](mailto:fiona.bateman@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** This is a unique programme that delivers a grounding in both the theory and practice of advocacy and activism, drawing on a range of disciplines and experts, and challenging you to think about the world from new perspectives.
- 2.** The MA includes the option of a service-learning work placement in which students gain the opportunity to put their developing skills into practice.
- 3.** The diversity of experience and backgrounds in the class group provides constant opportunities for discussion, sharing knowledge and learning from each other.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Art and Ecology

## Your Course

The two-year Master of Fine Arts (MFA) provides an immersive education in the development of professional practice as an ecologically oriented artist while the one-year MA provides a master's-level education in art appropriate for a diverse range of applications.

Studio research provides for the development of artistic practice alongside students in the MFA/MA Studio Art. These modules provide for studio-based investigation and experimentation leading to the production of a substantial body of work. Theory and Art and Ecology engages with historical and contemporary discourses informing arts practice and ecological issues. In the first year an Introduction to Ecosystem Science provides an understanding of the operation of ecosystems through lectures and first-hand experience of the Burren. This is extended in Ecology and Sustainability in the Burren, which examines the stewardship of the area as a microcosm of environmental and ecological issues. Professional Studies modules are taken with the MFA/MA Studio Art students and focus on the development of the professional skills necessary to survive and thrive as an artist.

## Career Opportunities

Graduate artists find work in related fields, such as art curating, gallery administration and art education. The knowledge, skills and understanding developed in this programme are transferable to a wide variety of applications, depending on the individual graduate.

## Minimum Entry Requirements

Applicants should normally have a bachelor's degree with First or upper Second Class Honours in Fine Art; or a bachelor's degree with a major in Fine Art, with a GPA of 3.50 or above, or evidence of equivalent achievement. In the case of an outstanding portfolio, a bachelor's degree with a lower Second Class/2.2 Honour/GPA 3.0 may be accepted. All eligible applicants are interviewed either in person or by phone.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/art-ecology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/art-ecology.html) OR  
[www.burrencollege.ie/programmes/mfa-ma-in-art-ecology](http://www.burrencollege.ie/programmes/mfa-ma-in-art-ecology)



### PROGRAMMES AVAILABLE:

MA, MFA, Post Baccalaureate (HDip)

**DURATION:** 1 year (3 semesters), full-time (MA); 2 years (4 semesters), full-time (MFA); 1 year (2 semesters), full-time (Post Baccalaureate HDip)

**NUMBER OF PLACES:** 8

**COURSE INSTANCE(S):** 1MEN1, full-time; 1MEN2, part-time

### FEES AND FUNDING:

Irish and EU tuition: €9,500.  
International tuition €18,500.

Scholarship information available at [www.burrencollege.ie](http://www.burrencollege.ie).

**WHEN TO APPLY:** Apply by 1 February 2023. Applications will continue to be considered on a rolling review, based on available space on the programme. Apply online via Burren College of Art: [www.burrencollege.ie](http://www.burrencollege.ie).

### CONTACT

Lisa Newman  
Director of Admissions  
Burren College of Art  
Newtown Castle  
Ballyvaughan  
Co Clare  
T: +353 65 7077 200  
E: [lisa@burrencollege.ie](mailto:lisa@burrencollege.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



1. Postgraduate students have their own dedicated studio space at the Burren College of Art (BCA) and access to all BCA faculty as appropriate.
2. Students on these programmes produce a final exhibition of both personal and collaborative work, which will demonstrate the skills necessary to survive and thrive as practising artists.
3. Lectures and field trips provide first-hand experience of the Burren as a microcosm of environmental and ecological issues.

Thinking about applying?



[www.burrencollege.ie](http://www.burrencollege.ie)



# Fine Art

## Your Course

This post-baccalaureate programme assists you in finding your voice as an artist and prepares you for application to and potential enrolment in an MFA programme.

Studio practice and critique is at the core of the programme, taking the form of negotiated projects for independent study that also involve portfolio preparation and career planning. Studio courses provide teaching in a choice of disciplines where you work alongside undergraduate students. Historical and Critical Studies examines key concepts in modern and contemporary art to assist you in contextualising your emerging art practice. The Burren: Culture and Environment introduces you to a wide range of environmental and cultural studies in the west of Ireland, ranging from natural history and geology to archaeology and modern history. You will also visit galleries and museums in Dublin, with optional trips to London and Berlin.

## Career Opportunities

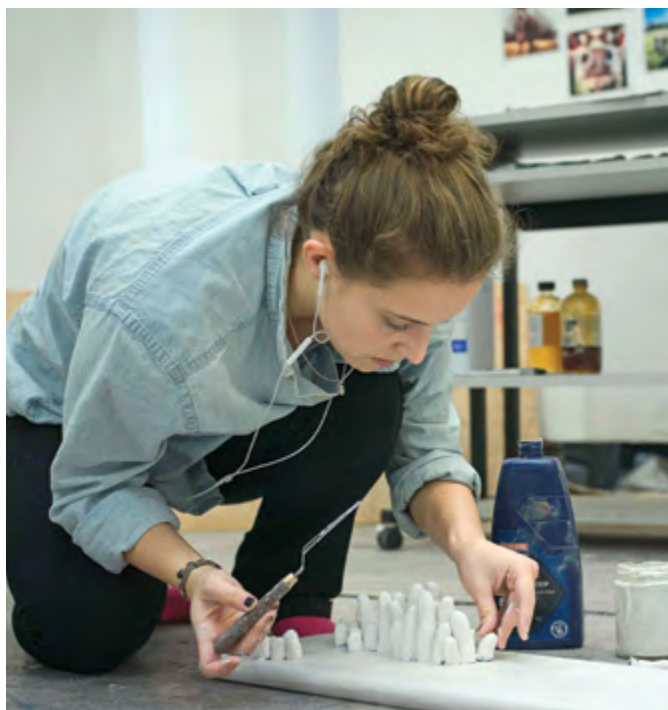
Graduates have found employment in professions associated with the practice of art.

## Minimum Entry Requirements

Applicants should normally have a primary degree (at NFQ Level 7 or 8). A major in fine art is not required for this programme. All eligible applicants are interviewed either in person or by phone.

### FIND OUT MORE AT:

[www.universityofgalway.ie/taught-postgraduate-courses/post-bacc-fine-art.html](http://www.universityofgalway.ie/taught-postgraduate-courses/post-bacc-fine-art.html) OR  
[www.burrencollege.ie/programmes/post-baccalaureate](http://www.burrencollege.ie/programmes/post-baccalaureate)



### PROGRAMMES AVAILABLE:

Post Baccalaureate  
(HDip, Fine Art)

**DURATION:** 1 year (2 semesters), full-time

**NUMBER OF PLACES:** 5

**COURSE INSTANCE(S):**

Not applicable. Apply at [www.burrencollege.ie](http://www.burrencollege.ie)

**FEES AND FUNDING:**

Irish and EU tuition: €9,500.  
International tuition: €18,500.  
Scholarship information available at [www.burrencollege.ie](http://www.burrencollege.ie).

**WHEN TO APPLY:** Apply by 1 February 2023. Applications will continue to be considered on a rolling review, based on available space on the programme.

### CONTACT

Lisa Newman  
Director of Admissions  
Burren College of Art  
Newtown Castle  
Ballyvaughan  
Co Clare  
T: +353 65 7077 200  
E: [lisa@burrencollege.ie](mailto:lisa@burrencollege.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



1. Post Baccalaureate students have their own dedicated studio space at the Burren College of Art and the availability of all BCA faculty as appropriate.
2. Scholarship opportunities are available. Please visit [www.burrencollege.ie/programmes/post-baccalaureate/fees-scholarships](http://www.burrencollege.ie/programmes/post-baccalaureate/fees-scholarships) for details.
3. The Post Baccalaureate is an excellent choice for artists who received an undergraduate degree in a non-art field and who now want to progress on to an MA or MFA programme.

Thinking about applying?

[www.burrencollege.ie](http://www.burrencollege.ie)



# Fine Art: Studio Art

## Your Course

The two-year MFA provides an immersive education in the development of professional practice as an artist while the one-year MA provides a master's-level education in art appropriate to a diverse range of applications. Students on both programmes produce a final exhibition and also demonstrate capabilities for critical enquiry through fine art, with the ability to evaluate their work through an informed grasp of the social, cultural and theoretical concerns shaping the discourse on contemporary fine art research and practice.

Studio practice and critique is at the core of the MFA and MA programmes, comprising studio-based individual mentoring and rigorous group critiques. Modules include (for those that are studio-based): Historical and Critical Studies; and Professional Studies. They are delivered through seminars, symposia and educational visits to Dublin, London and Berlin.

## Career Opportunities

Graduate artists find work as professional artists and in related fields, such as art curating, gallery administration and art education. The knowledge, skills and understanding developed in this programme are transferable to a wide variety of applications, depending on the individual graduate.

## Minimum Entry Requirements

Applicants should normally have a bachelor's degree with First or upper Second Class Honours in Fine Art; or a bachelor's degree with a major in Fine Art with a GPA of 3.50 or above; or evidence of equivalent achievement. In the case of an outstanding portfolio, a bachelor's degree with a lower Second Class Honours/2.2/GPA 3.0 may be accepted. All eligible applicants are interviewed either in person or by phone.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/fine-art-studio-art.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/fine-art-studio-art.html) OR [www.burrencollege.ie/programmes/mfa-ma-in-studio-art](http://www.burrencollege.ie/programmes/mfa-ma-in-studio-art)



## PROGRAMMES AVAILABLE:

MA, MFA (Master of Fine Arts)

## DURATION:

1 year (3 semesters), full-time, MA; 2 years (4 semesters), full-time, MFA

## NUMBER OF PLACES:

## COURSE INSTANCE(S):

Not applicable. Apply at

[www.burrencollege.ie](http://www.burrencollege.ie)

## FEES AND FUNDING:

Irish and EU tuition: €9,500.

International tuition: €18,500.

Scholarship information available at [www.burrencollege.ie](http://www.burrencollege.ie).

## WHEN TO APPLY:

Apply by 1 February 2023. Applications will continue to be considered on a rolling review, based on available space on the programme. Apply online via Burren College of Art: [www.burrencollege.ie](http://www.burrencollege.ie).

## CONTACT

Lisa Newman

Director of Admissions

Burren College of Art

Newtown Castle

Ballyvaughan

Co Clare

T: +353 65 7077 200

E: [lisa@burrencollege.ie](mailto:lisa@burrencollege.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



**1.** Students have their own dedicated studio space at the Burren College of Art (BCA) and access to all BCA faculty as appropriate.

**2.** Scholarship opportunities are available. For more information visit the website: [www.burrencollege.ie/programmes/post-baccalaureate/fees-scholarships/](http://www.burrencollege.ie/programmes/post-baccalaureate/fees-scholarships/).

**3.** Stunning campus in Co. Clare: BCA was purpose-built to the highest standards in 1993 in the grounds of a sixteenth-century castle—winning architectural awards and becoming subject to a preservation order.

Thinking about applying?



[www.burrencollege.ie](http://www.burrencollege.ie)

# Applied Behaviour Analysis

## Your Course

This Master of Science (MSc) programme is designed to meet your needs as a practitioner to improve socially significant behaviours in individuals with developmental disabilities through behavioural assessment and application of evidence-based interventions. Students will gain skills to work as practitioners in the areas of education, rehabilitation and behaviour support. The principles and strategies of Applied Behaviour Analysis (ABA) can be applied to a range of human behaviour, including social skills, academic and adaptive skills, as well as to support individuals with challenging behaviour. In addition, the programme aims to provide students with training and supervision to conduct applied research with clinical populations. ABA is comprised of evidence-based practices, which are often recommended as the best approach for working with people with intellectual disabilities or pervasive developmental disorders such as autism spectrum disorder.

## Career Opportunities

Past students have been employed nationally and internationally across a variety of education and behaviour support services for children and adults with intellectual and developmental disabilities. In addition, students support individuals within mental health services, residential and community living environments, and acquired brain injury rehabilitation services. The programme will prepare you for a career in clinical and educational settings, and will also provide you with a foundation for further postgraduate study (e.g., clinical or educational psychology) and research at PhD level.

## Minimum Entry Requirements

Applications are invited from candidates who hold a Second Class Honours degree (or equivalent). Evidence of relevant experience and motivation will be taken into account in offering places on the course.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/applied-behaviour-analysis.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/applied-behaviour-analysis.html)



## PROGRAMMES AVAILABLE:

MA

**DURATION:** 2 years, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1ABA1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** 31 March 2023



## CONTACT

Dr Aoife McTiernan

**T:** +353 91 494 445

**E:** [aofemaria.mctiernan@universityofgalway.ie](mailto:aofemaria.mctiernan@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The MSc in ABA is an accredited postgraduate professional programme in behavioural psychology, accredited by the Psychological Society of Ireland. It also offers a Verified Course Sequence which is approved by the Association for Behaviour Analysis International (ABAI), meeting eligibility requirements allowing graduates to work abroad.
- 2.** The programme follows the scientist practitioner model, providing students with integrated training in ABA's academic, practical and research aspects.
- 3.** Students are provided with opportunities to undertake clinical training in ABA across a variety of course-affiliated placements.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Clinical Neuroscience

## Your Course

Knowledge derived from neuroscience research in mental health, psychology, neurodevelopment and neurodegeneration is revolutionising how we think about and treat mental disorders. A thorough grounding in neuroscience is fast becoming an essential step for a career in academic and clinical psychology and psychiatry and for careers in neuroscience more broadly.

In response to that need, this programme is designed for students with backgrounds in psychology, medicine, pharmacology and other biomedical and neuroscience-related disciplines. It will equip students with a set of core skills in the field of clinical neuroscience including an in-depth understanding of neuroanatomy, neuroimaging and neuropsychiatry. Students will have opportunities to learn through practical hands-on experience. Teaching approaches will consist of didactic lectures, problem-based learning, seminars, workshops, journal clubs, practicals and completion of a research dissertation, as well as subject-specific training in a range of areas relevant to clinical neuroscience.

## Career Opportunities

Graduates of this programme are likely to go on to professional training in clinical psychology, psychiatry and neuroscience-related posts in industry or to undertake further academic work at PhD level.

## Minimum Entry Requirements

Second Class Honours NQAI Level 8 degree or equivalent in a discipline relating to neuroscience. Qualifying degrees include, but are not limited to, psychology, medicine, pharmacology and biomedical science.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/clinical-neuroscience.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/clinical-neuroscience.html)

*"I have truly loved every minute of this course and feel like it has provided me with the necessary neuroanatomical, pharmacological and genetic knowledge needed to understand the complex topics of psychiatric and neurodegenerative disorders. This course is taught by lecturers who are incredibly talented in these areas and truly passionate about what they do, which only motivates me further to learn more from them. After completing this MSc in Clinical Neuroscience, I hope to pursue a career as a neuroscientist, using neuroimaging techniques to investigate the biological underpinnings of psychiatric disorders such as bipolar and psychosis."*

**Laura Costello**, MA Clinical Neuroscience graduate

## PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 18

**COURSE INSTANCE(S):** 1CNS1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details.

## CONTACT

Dr Ciara Egan

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[www.universityofgalway.ie/our-research/people/psychology/ciaraegan](http://www.universityofgalway.ie/our-research/people/psychology/ciaraegan)



## 3 GOOD REASONS TO STUDY THIS COURSE



1. This is an exciting programme that will provide graduates with a highly marketable and transferrable combination of neuroscience skills, as well as experience of applying these skills in neuroscience research.
2. Students will receive valuable training in current research methodologies, with facilities to study in depth those methodologies most interesting to them (e.g., systematic review, wet-bench, and software methodologies).
3. Students will be provided with an exceptional learning environment, where they can excel and capitalise on the strength of the University of Galway neuroscience community.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Clinical Psychology

## Your Course

The Doctor of Psychological Science in Clinical Psychology is a taught programme that provides professional training in clinical psychology. The programme is provided in partnership with clinical psychology services in the Health Services Executive (HSE) and other agencies. Its objective is to produce competent and capable clinical psychologists for the health service by providing high-quality training in the clinical, academic and research elements of clinical psychology.

This programme provides trainees with a thorough and integrated training in academic, practical and research aspects of clinical psychology through teaching blocks, supervised clinical placements and supervised, clinically relevant research projects. Clinical competence is developed in supervised placements in child and adolescent, adult, disability, and elective settings over the programme's three years.

## Career Opportunities

Career opportunities exist for professionally qualified clinical psychologists in a variety of health, forensic and social care settings. Opportunities may also be found in educational services and institutions. Most DPsychSc (Clinical) graduates take up employment in the HSE, but a small number are also employed within agencies such as the Brothers of Charity Services and the Irish Prison Service.

## Minimum Entry Requirements

Candidates must hold a degree or PDip in psychology recognised by the Psychological Society of Ireland (PSI) as granting eligibility for graduate membership of PSI. The qualification must be at least upper Second Class Honours level. Qualifications deemed equivalent by the College of Arts may also be accepted. At least one year of practical and/or research experience relevant to clinical psychology is generally required. Successful applicants are expected to have a means of transport to enable them to participate in all elements of the programme, including undertaking supervised clinical placements in health settings.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/psychological-science-clinical-psychology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/psychological-science-clinical-psychology.html)



## PROGRAMMES AVAILABLE:

DPsychSc (Clinical)

**DURATION:** 3 years, full-time

**NUMBER OF PLACES:** 12

**COURSE INSTANCE(S):** 1DY1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** Check website for closing date details.

## GARDA VETTING/POLICE

**CLEARANCE:** Garda vetting/ police clearance is required for this programme. Please see page 313 for further

## CONTACT

Dr John Bogue

T: +353 91 493 266

E: [clinicalpsychology@universityofgalway.ie](mailto:clinicalpsychology@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



**1. Accredited:** The DPsychSc (Clinical) programme is accredited by the PSI as a postgraduate professional training course in clinical psychology.

**2. Professional experience:** The programme provides basic professional training in many areas of work, including adult clinical psychology, child and adolescent clinical psychology, and intellectual disabilities.

**3. Placements:** These provide trainees with experience of clinical psychology practice under the supervision of experienced clinical psychologists.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Clinical Psychology (for Qualified Clinicians)

## Your Course

The Doctor of Psychological Science (DPsychSc) in Clinical Psychology for Qualified Clinicians programme is designed for those who have a qualification in clinical psychology that pre-dated the introduction of doctoral-level training (i.e., professional diploma or master's). The programme focuses on the development of clinical research skills and is assessed through a series of academic and research projects, including a research thesis.

The programme consists of three years of part-time study. The time commitment for class attendance is one day per week of lectures on research methods for approximately 12–14 weeks per year. Candidates will also be expected to dedicate the equivalent of 4–6 hours per week throughout the year in order to complete the work requirements of the course. In addition, candidates will attend occasional specialist workshops in research skills and statistics and meetings with their research supervisors.

## Career Opportunities

This part-time programme provides additional research training to those already holding a qualification in clinical psychology.

## Minimum Entry Requirements

Candidates must hold a degree or PDip in psychology recognised by the Psychological Society of Ireland (PSI) as granting eligibility for graduate membership of PSI. The qualification must be at least upper Second Class Honours level (barring exceptional circumstances). Qualifications deemed equivalent by the College of Arts, Social Sciences, and Celtic Studies may also be accepted. At least one year of practical and/or research experience relevant to clinical psychology is generally required. Successful applicants are expected to have a means of transport to enable them to participate in all elements of the programme, including undertaking supervised clinical placements in health settings.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/psychological-science-clinical-psychology-clinicians.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/psychological-science-clinical-psychology-clinicians.html)



### PROGRAMMES AVAILABLE:

DPsychSc (Clinical) for Qualified Clinicians

**DURATION:** 3 years, part-time

**NUMBER OF PLACES:** 6

**COURSE INSTANCE(S):** 1DPS1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### GARDA VETTING/POLICE

**CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**CLOSING DATE:** Check website for closing date details.

### CONTACT

Professor Brian McGuire

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**E:** [clinicalpsychology@universityofgalway.ie](mailto:clinicalpsychology@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



1. The DPsychSc (Clinical) for Qualified Clinicians provides a thorough and comprehensive training in research design, and quantitative and qualitative research skills.
2. The programme provides the opportunity to complete research projects of value to employers and health service agencies.
3. The programme provides an opportunity for candidates to upskill and upgrade their professional qualifications.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Consumer Psychology

## Your Course

Consumer psychology is the study of how we relate to the transaction of goods and services we use every day, whether as retail consumers, buyers or service users. The MSc (Consumer Psychology) will provide students with an important competitive advantage: the ability to make more insightful business decisions that integrate a deeper understanding of human psychology.

The objectives of the programme are to:

- Develop informed problem-solvers who are comfortable working in today's data-driven economy;
- Provide training in consumer psychology, user experience design and human decision-making;
- Provide an understanding of how consumers typically interact with products and services;
- Equip students with the skills to collect user data in person and online and analyse these data to generate novel data-based insights.

## Career Opportunities

Graduates of this programme will be well placed to provide expertise to a considerable variety of industries and organisations in their interaction with consumers. Typical roles include Consumer Psychologist, Consumer Research Analyst, Consumer Planner, Product Development, and Design and Sales roles, especially Sales Enablement and Leadership.

## Minimum Entry Requirements

Applicants will require a NQAI Level 8 degree, or equivalent, with a minimum classification of 2.2 in BA or BSc Psychology with Graduate Basis Membership of the Psychological Society of Ireland OR 2.1 or above in a psychology-related discipline. Graduates from other disciplines (e.g., Commerce, Accounting, Economics, Data Science, Mathematics, Marketing, or Business) whose degrees contain at least one module of taught statistics, mathematics and/or research methods and have a 2.1 or above can also apply.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/consumer-psychology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/consumer-psychology.html)



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



### PROGRAMMES AVAILABLE:

MSc; PDip

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 21

**COURSE INSTANCE(S):** 1MCO1, 1MCO3

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Denis O'Hora

T: +353 91 495 126

E: [denis.ohora@universityofgalway.ie](mailto:denis.ohora@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



**1. Unique:** This is the first masters programme in Consumer Psychology in Ireland. Develop next-level consumer and employee experiences by connecting advanced psychological theory with data science.

**2. Industry demand:** Our graduates secure interesting jobs in exciting companies. Our employers are surprised by the depth of insight our graduates provide when they combine empathy, psychological science and data science. Our students also excel in teams knowing when to take charge and when to support.

**3. Solve industry problems:** Our students work on Global Virtual Teams with x-culture, solving problems for multinational companies, and work on intricate projects with local businesses. They are supported by a programme team from Psychology, the Irish Centre for High Performance Computing (ICHEC), the Ideas Lab and the J.E. Cairnes Business School.

# Health Psychology

## Your Course

This programme is the only MSc in Health Psychology accredited by the Psychological Society of Ireland (PSI). It is intended for psychology graduates seeking to develop their knowledge and expertise in Health Psychology. The MSc will enable students to conduct high-quality research and will prepare them to undertake further professional training in health psychology and other areas of psychology.

The course is concerned with the application of psychological theory, methods and research to health, illness and healthcare. Modules cover a wide variety of topics, including health behaviour change, adjustment to chronic illness, doctor-patient communication, management of chronic pain, and the nature of stress and its psycho-biological consequences. Students also take classes in research methods in health psychology and carry out an empirical research project in a health-related area.

## Career Opportunities

A range of career opportunities are open to graduates in areas such as health-related research and health promotion, working with health authorities or voluntary organisations, and providing support, education and training to those with health-related difficulties. This MSc also provides an excellent foundation for further postgraduate study (e.g., Psychology and Health PhD, Structured PhD in Health Psychology Practice or doctoral training in Clinical Psychology), or working as a researcher in the broad area of health service research.

## Minimum Entry Requirements

The programme is intended for psychology graduates (at National Framework of Qualifications Level 8; [www.nfq.ie/nfq/eu](http://www.nfq.ie/nfq/eu)) with at least a Second Class Honours primary degree in Psychology (or equivalent). The selection of candidates is based on academic merit. In recent years, candidates who have been offered a place on the programme have at least an upper Second Class Honours primary degree in Psychology. The degree (or equivalent) should be accredited by the PSI, or should be an equivalent international qualification that includes a major final year research project.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/health-psychology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/health-psychology.html)

### PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 22

**COURSE INSTANCE(S):** 1MHP1,  
full-time; 1MHP2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Jenny McSharry

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**E:** [jenny.mcsharry@universityofgalway.ie](mailto:jenny.mcsharry@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



- 1. Accreditation:** The programme is accredited by the PSI.
- 2. Outreach:** Programme staff are active in developing and promoting health psychology in Ireland and internationally.
- 3. Expert seminars:** A number of internationally recognised health psychologists contribute to the programme through a series of visiting specialist seminars.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Psychology

## (HDip—Conversion)

### Your Course

The HDip Psychology (Conversion) is a one-year, full-time programme designed for students who have completed the BA in Psychological Studies at University of Galway, or its equivalent. By combining the HDipPsych (Conversion) with the BA in Psychological Studies, students will cover a course content equivalent to that of University of Galway's BA in Psychology programme, thus qualifying graduates for entry to postgraduate professional programmes in Ireland and the UK. Modules taught include those on the Psychology of Learning; Perception, Attention and Performance; Professional Skills in Psychology; Psychological Measurement (Theory and Practice); Experimental Psychology; Advanced Research Methods (both quantitative and qualitative); and Computer Skills Training (SPSS). Students are also required to complete a research project under supervision.

### Career Opportunities

This programme provides an excellent foundation for postgraduate courses of study and careers in a variety of areas. Completing this diploma will enable a graduate to gain access to further training to become a professional psychologist (e.g., a clinical, counselling or occupational psychologist) or to undertake a research degree in psychology (e.g., a PhD in Psychology).

### Minimum Entry Requirements

Places will be allocated on the order of results awarded at the first sitting of the final year of Psychological Studies at University of Galway or an equivalent course. Students must achieve honours in both their degree subjects, except in the case of pass-level mathematical subjects where a 'commendation' level is required.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/psychology-conversion.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/psychology-conversion.html)



### PROGRAMMES AVAILABLE:

HDip (Conversion)

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 16

**COURSE INSTANCE(S):** 1HY1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 7 June 2023



### CONTACT

Dr Mark Elliott

**T:** +353 91 495 345

**E:** mark.elliott@

universityofgalway.ie

### 3 GOOD REASONS TO STUDY THIS COURSE



**1. Fully accredited:** This programme is accredited by the Psychological Society of Ireland (PSI) and thus satisfies the requirements specified by PSI for graduate status in psychology.

**2.** This programme provides an excellent foundation for further postgraduate courses of study and careers in a variety of domains.

**3.** Teaching is in the new School of Psychology, a purpose-built facility in the centre of campus.

### Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Psychology

## (HDip—Full)

### Your Course

The HDipPsych (Full) is a two-year, full-time programme for graduates who have already received a higher degree in a field other than Psychology but who wish to pursue Psychology as a career option. By completing the HDipPsych (Full), you will cover course content equivalent to that of University of Galway BA Psychology programme, thus qualifying you for entry to postgraduate professional programmes in Ireland and the UK.

Modules on offer include the Psychology of Learning; Memory and Cognition; Developmental Psychology; Perception, Attention and Performance; Biological Psychology; Issues in Cognitive Neuroscience; Theories of Personality; Social Psychology; Health Psychology; Applied Behavioural Analysis; Forensic, Abnormal, and Clinical Psychology; Psychological Measurement (Theory and Practice); Professional Skills in Psychology; Advanced Research Methods; Experimental Psychology; and Computer Skills Training (SPSS). Students are required to complete a research project under supervision.

### Career Opportunities

This programme provides an excellent foundation for further postgraduate courses of study and careers in a variety of areas. Completing this diploma will enable a graduate to gain access to further training to become a professional psychologist (e.g., a clinical, counselling or occupational psychologist) or to undertake a research degree in psychology (e.g., a PhD in Psychology).

### Minimum Entry Requirements

The programme is intended for graduates with at least a Second Class Honours level in any field other than Psychology. Places are awarded on the basis of academic merit.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/psychology-full.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/psychology-full.html)



### PROGRAMMES AVAILABLE:

HDip (Full)

**DURATION:** 2 years, full-time

**NUMBER OF PLACES:** 8

**COURSE INSTANCE(S):** 1HDP1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Mark Elliott

**T:** +353 91 495 345

**E:** [mark.elliott@universityofgalway.ie](mailto:mark.elliott@universityofgalway.ie)

### 3 GOOD REASONS TO STUDY THIS COURSE



- 1. Fully accredited:** This programme is accredited by the Psychological Society of Ireland (PSI) and thus satisfies the requirements specified by PSI for graduate status in psychology.
- 2.** This programme provides an excellent foundation for further postgraduate courses of study and careers in a variety of domains.
- 3.** Teaching is in the new School of Psychology, a purpose-built facility in the centre of campus.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Child, Youth and Community

## Your Course

This blended learning MA, PDip is designed for professionals already working in or for those who have a strong interest to work in the community, voluntary or public sector. Professionals involved in the delivery of services to children, young people and communities are increasingly required by funders and central government to provide scientific, robust evidence, to measure the social impact of these interventions. Responding to this strong sectoral need, the MA, PDip in Child, Youth and Community offers a specific skillset in programme planning and evaluation. It is a flagship teaching programme of the UNESCO Child and Family Research Centre within the Discipline of Applied Social Science.

## Career Opportunities

Upon graduation, students will have the necessary knowledge and a skill-set in research and evaluation, human rights based programme planning and advocacy, and communication and innovative thinking in the context of child, youth and community services. Typically, graduates will seek employment and leadership roles in areas such as youth work, child welfare, community development, national or international public administration, advocacy or research.

## Minimum Entry Requirements

Applicants will require a NQAI Level 8 Degree at an upper Second Class Honours (2.1) or equivalent in child, youth and family studies, social care, sociology, psychology or a cognate discipline. Where applicants do not meet the formal academic requirements, they can apply for entry through the university's Recognition for Prior Learning Policy.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/child-youth-and-community.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/child-youth-and-community.html)



## PROGRAMMES AVAILABLE:

MA, PDip

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** MA—1MCY1; PDip—1MCY3; part-time mode—1MCY2

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Danielle Kennan

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The programme offers a flexible one year full-time or two-year part-time blended learning approach, with placement and fieldwork opportunities.
- 2.** Graduates become proficient in programme planning, monitoring and evaluation methodologies in the context of child, youth and community services.
- 3.** It is based in a UNESCO affiliated Research Centre with a dynamic research programme focused on 'what works' in the real world of policy and practice and on utilising community and rights-based approaches to working with and for children and youth.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Family Support Studies

## Your Course

The primary focus of family support is on early intervention and prevention, aiming to promote and protect the health, well-being and rights of all children, young people and their families, paying particular attention to those who are vulnerable or at risk. The aim of this programme is to further the education and skills of professionals with a common interest in family support. It has a strong emphasis on applying a range of FS theories and concepts and in a range of practices across a wide range of roles and disciplines in the human services arena. The programme incorporates skills and knowledge on social science research and evaluation.

## Career Opportunities

Graduates will have the opportunity to enhance their careers in a wide range of service areas at both practitioner and manager level, working in state and voluntary services on behalf of children, young people and families. Reflecting the interdisciplinary nature of the family support area, the programme is geared toward those working in social work, social care, community work, public health nursing, disability, education, justice, social welfare, early years, gerontology, and other related fields.

## Minimum Entry Requirements

Participants will have a third-level qualification or a recognised professional qualification and one years' work experience in a related field. Practitioners who have not attained an undergraduate qualification may apply for a place at the PDip level.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/family-support-studies.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/family-support-studies.html)



### PROGRAMMES AVAILABLE:

MA, PDip

**DURATION:** 2 years part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1FS2 (MA); 1FS3 (PDip)

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Carmel Devaney

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**E:** [carmel.devaney@universityofgalway.ie](mailto:carmel.devaney@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Research-led teaching:** this programme is informed by contemporary research and evidence on Family Support and related areas in a broad range of contexts.
- 2. Unique:** established in 2003, this programme is the only one of its kind in Europe with an emphasis on applying family support across practice and policy.
- 3. Flexibility with broad appeal:** the interdisciplinary nature of family support studies and the part-time programme suits practitioners working in a range of areas.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Social Work

## Your Course

This course will equip you with the skills and knowledge to be registered as a social worker by the CORU registration body. It provides both university and practice-based learning to students, offering opportunities to learn about social problems and their causes, as well as policy solutions. It also equips students with skills in working with individuals, groups and communities, putting an emphasis on the promotion of human rights and social justice. Students complete two practice placements as well as a range of modules, such as Theory and Social Work; Social Work Practice, Law and Human Rights; Social Policy, Mental Health and Health Promotion; Support and Protection across the Lifecourse; and Crime Reduction and Probation Work.

## Career Opportunities

Social workers are much in demand and deal with a range of issues that affect people, including poverty, violence, abuse, mental health, addiction and disability. A range of voluntary, public and private sector organisations require social work services, such as the Health Services Executive, Tusla (Child and Family Agency), the Department of Justice's probation services and local authorities. The voluntary/non-governmental sector includes specialist services to children and adults such as Ability West, Enable Ireland, Brothers of Charity Services, Galway Drugs Service, Jigsaw and COPE.

## Minimum Entry Requirements

A primary undergraduate degree (minimum of Second Class Honours, Grade 2) in one of the following: BA with a major in Social Work, Sociology, Psychology Social Policy, Social Science, Social Studies, Social Care, Public and Social Policy, Youth and Family Studies, Childhood Education, Health and Social Care, Psychology, Community Development or other relevant qualifications deemed equivalent by University of Galway. Applicants must have the equivalent of six months' full-time relevant experience (960 hours) by the time of application. Up to 240 hours can be allocated to relevant placement, and the remaining must be from supervised practice in a relevant social service organisation.

Applications are made online via the University of Galway Postgraduate Applications System. Two letters of reference, one academic and one work-related, and a well-written and convincing personal statement (600 words) must also be submitted. You must also provide evidence of the equivalent of six months' work experience on the relevant form provided within the online application system. Interviews take place in February/early-March annually.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/social-work.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/social-work.html)

### PROGRAMMES AVAILABLE:

MA

**DURATION:** 2 years, full-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1SK1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### GARDA VETTING/POLICE

**CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**CLOSING DATE:** 27 January 2023



### CONTACT

For general and academic queries, please contact:

Social Work Admissions

**T:** +353 91 492 290

**E:** [socialwork@universityofgalway.ie](mailto:socialwork@universityofgalway.ie)

Ms Stephanie Quinn

**T:** +353 91492290

**E:** [stephanie.quinn@universityofgalway.ie](mailto:stephanie.quinn@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

#### 1. Placement opportunities:

Practice placements are carried out in a variety of settings, including those dealing with child protection, domestic violence, mental health, disability, and older people.

#### 2. Employability:

 Excellent employment prospects.

**3. Accredited:** The programme is currently accredited by the statutory regulatory agency, CORU (see [www.coru.ie](http://www.coru.ie)), the Health and Social Care Professionals' Council.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Social Work, Practice Teaching, Supervision & Management

## Your Course

This PDip develops the skills and knowledge of social workers who teach student social workers in the agency/placement setting. It is also relevant for those professional social workers currently taking or giving supervision. In addition, the management section of the course will offer the opportunity to explore management models and practices within varied social work settings. Participants acquire an excellent academic theoretical framework on relevant theories, policies and practices. New perspectives will also be achieved on computer-based distance learning techniques and practical competence while supervising a student on placement.

## Career Opportunities

This course will further explore the areas of advanced supervision and management, with a view to career advancement and continued professional development.

## Minimum Entry Requirements

Appropriate primary degree (Level 8) and hold a professional social work qualification NQSW or equivalent. A minimum of three years' post-qualifying experience in social work is required, with a recommendation that the last six months' work experience be spent in the current work setting. An active interest in social work education and in particular student social work education is necessary. The course is delivered in a blended format online/ in person, all participants must have an adequate broadband connection, use of a computer, and basic computer skills to complete the course. Acceptance of a student on placement for 14 weeks in January to April is a pre-condition of gaining entry to this programme. Therefore, approval with the management of the Social Workers' Agency will be required prior to accepting a place. If a student is not available for this period, the applicant's employer must agree to accept a student at the earliest date possible after this period.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/social-work-practice-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/social-work-practice-management.html)

Additional relevant CPD programmes for Social Workers are also on offer: [www.universityofgalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/political-science-and-sociology/](http://www.universityofgalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/political-science-and-sociology/)

**PROGRAMMES AVAILABLE:** PDip

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 10

**COURSE INSTANCE(S):** 1PGT1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 18 August 2023



## CONTACT

Eleanor Kelly  
Course Director  
**T:** +353 91 495 295  
**E:** [eleanor.kelly@universityofgalway.ie](mailto:eleanor.kelly@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Flexibility:** This part-time programme is offered in a blended learning format, taking in traditional and technological concepts of teaching and learning.
- 2. Career progression:** The course is designed for social workers who are interested in advancing their professional training.
- 3. Placement:** Participants will have the opportunity to provide a placement for a Masters in Social Work student.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Adolescent Health

## Your Course

This is an innovative, interdisciplinary MSc offered by the Discipline of Children's Studies (School of Education) in collaboration with the Discipline of Paediatrics (School of Medicine). This programme provides students with interdisciplinary training in adolescent health grounded within a public health approach. This programme is delivered through a blended learning approach, which combines online modules with a series of face-to-face workshops on campus, making it suitable for recent graduates, working professionals, and distance learners. It is open to those who are passionate about improving the health and wellbeing of adolescents locally, nationally, and globally. It focuses on the unique challenges and opportunities that are faced by adolescents, as they transition from childhood to adolescence.

Students will be required to complete ten core modules during the programme, including 1) Foundations of Public Health in the Context of Adolescence, 2) Adolescent Health and Development, 3) Research Methods, 4) Determinants of Adolescent Health, 5) Chronic Health Disorders in Adolescents, 6) Designing, Implementing, and Evaluating Adolescent Health Programmes, 7) Communication for Adolescent Health, 8) Quality Improvement, 9) Leadership Development, and 10) an Integrative Learning Experience tailored to their personal interests and career goals. Through this programme students will learn to define the health and development needs of adolescents, design strategies to address those needs, and evaluate the effectiveness of adolescent health policies and programmes.

## Career Opportunities

The programme is aimed at those working, or intending to work, with or on behalf of adolescents in various settings and capacities. This includes, but is not limited to, healthcare professionals, teachers, youth workers, adolescent health researchers, etc. After completion of this programme, you will be trained to work in adolescent health practice and research. Graduates of this programme will be qualified to work in a vast array of organisations including public health organisations, healthcare, consulting firms, hospitals, not-for-profit organisations, schools, universities, and many more.

## Minimum Entry Requirements

Successful candidates will have a strong undergraduate record with a minimum of a 2.2 in Level 8 in the social sciences, health sciences, or a cognate discipline. Applicants with a Level 7 with extensive experience working with adolescents will also be considered on a case-by-case basis. Applicants are also required to submit a personal statement that highlights their commitment to the field of adolescent health. Applicants should also include a resumé. International applicants are required to have an equivalent degree and results from their undergraduate university. Applicants from countries where English is not the official language must submit scores from the International English Language Testing System (IELTS). A minimum score of a 6.5 is required.

## FIND OUT MORE AT:

[www.universityofgalway.ie/taught-postgraduate-courses/adolescent-health.html](http://www.universityofgalway.ie/taught-postgraduate-courses/adolescent-health.html)

## PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1MSH1,  
1MSH2

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Professor Michal Molcho  
Discipline of Children's Studies  
**E:** [michal.molcho@universityofgalway.ie](mailto:michal.molcho@universityofgalway.ie)



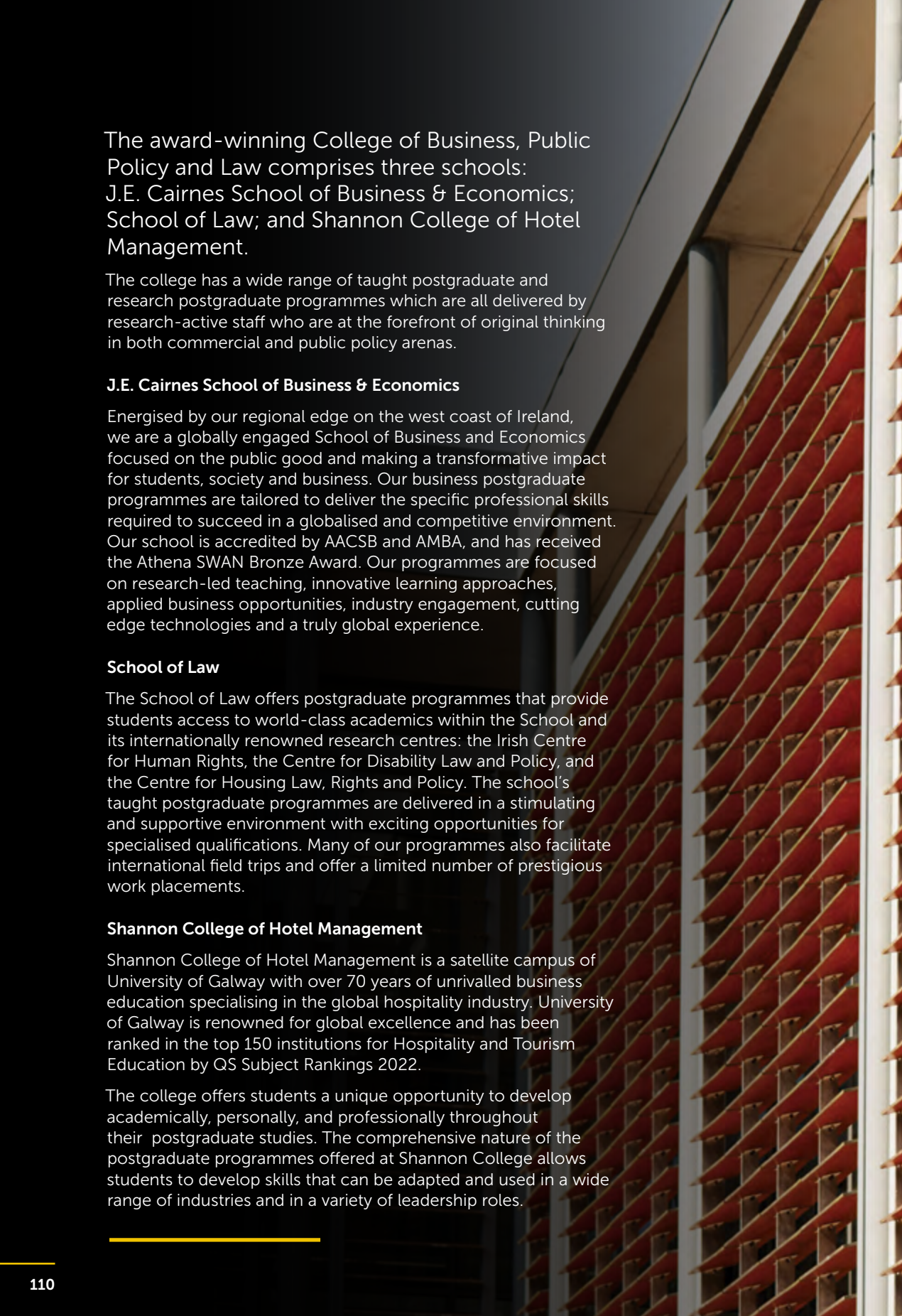
## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** You are interested in working, or already work, with adolescents and are passionate about improving the health and well-being of adolescents locally, nationally, and globally.
- 2.** You are interested in understanding the concepts of public health, and applying them to adolescent health practice, policy, and research.
- 3.** You want to increase your knowledge, skills, and ability to work effectively with and on behalf of adolescents.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



The award-winning College of Business, Public Policy and Law comprises three schools: J.E. Cairnes School of Business & Economics; School of Law; and Shannon College of Hotel Management.

The college has a wide range of taught postgraduate and research postgraduate programmes which are all delivered by research-active staff who are at the forefront of original thinking in both commercial and public policy arenas.

### **J.E. Cairnes School of Business & Economics**

Energised by our regional edge on the west coast of Ireland, we are a globally engaged School of Business and Economics focused on the public good and making a transformative impact for students, society and business. Our business postgraduate programmes are tailored to deliver the specific professional skills required to succeed in a globalised and competitive environment. Our school is accredited by AACSB and AMBA, and has received the Athena SWAN Bronze Award. Our programmes are focused on research-led teaching, innovative learning approaches, applied business opportunities, industry engagement, cutting edge technologies and a truly global experience.

### **School of Law**

The School of Law offers postgraduate programmes that provide students access to world-class academics within the School and its internationally renowned research centres: the Irish Centre for Human Rights, the Centre for Disability Law and Policy, and the Centre for Housing Law, Rights and Policy. The school's taught postgraduate programmes are delivered in a stimulating and supportive environment with exciting opportunities for specialised qualifications. Many of our programmes also facilitate international field trips and offer a limited number of prestigious work placements.

### **Shannon College of Hotel Management**

Shannon College of Hotel Management is a satellite campus of University of Galway with over 70 years of unrivalled business education specialising in the global hospitality industry. University of Galway is renowned for global excellence and has been ranked in the top 150 institutions for Hospitality and Tourism Education by QS Subject Rankings 2022.

The college offers students a unique opportunity to develop academically, personally, and professionally throughout their postgraduate studies. The comprehensive nature of the postgraduate programmes offered at Shannon College allows students to develop skills that can be adapted and used in a wide range of industries and in a variety of leadership roles.

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College of Business,  
Public Policy and  
Law

# Programmes

## Conversion

- 132 Business Information Systems
- 114 Business Studies
- 133 Digital Transformation
- 126 Economic Science
- 119 Financial Analysis
- 151 LLB (Bachelor of Laws)

## Accounting & Finance

- 115 Accounting
- 116 International Accounting and Analytics (Pathway A)
- 117 International Accounting and Analytics (Pathway B)
- 118 Corporate Finance
- 119 Financial Analysis

## Management

- 120 Master of Business Administration (MBA)
- 121 International Management
- 122 Human Resource Management
- 123 Strategy, Innovation and People Management (SIPM)

## Economics

- 125 Ageing and Public Policy
- 126 Economic Science
- 127 Global Environmental Economics
- 128 Health Economics
- 129 International Finance

## Business Information Systems

- 124 Cybersecurity Risk Management
- 130 Information Systems Management
- 131 Business Analytics
- 132 Business Information Systems
- 133 Digital Transformation

## Marketing

- 134 International Marketing and Entrepreneurship
- 136 Digital Marketing
- 137 Marketing Management
- 138 Marketing Practice

## Hospitality

- 139 Business and Hospitality
- 140 Global Hospitality Management and Intercultural Communication
- 141 Hospitality and Leadership
- 142 Hospitality Management
- 144 Hospitality Performance, Revenue and Asset Management

## Law

- 145 International and Comparative Business Law
- 146 International and Comparative Disability Law and Policy
- 147 International Criminal Law
- 148 International Migration and Refugee Law and Policy
- 149 International Human Rights
- 150 Peace Operations, Humanitarian Law & Conflict
- 151 LLB (Bachelor of Laws)
- 152 LLM (General)







## Postgraduate Research Opportunities

### J.E. Cairnes School of Business & Economics

J.E. Cairnes School of Business & Economics PhD programmes have a strong track record in research student experience and the opportunities afforded to, and the achievements of, its PhD graduates. The programmes combine scholarly theory-building with a strong applied focus. The school offers structured PhD programmes in one of the following disciplines: Accountancy and Finance, Economics, Management, Marketing, and Business Information Systems. For more information visit: [www.universityofgalway.ie/business-public-policy-law/cairnes/research/](http://www.universityofgalway.ie/business-public-policy-law/cairnes/research/)

### School of Law

The School of Law and its specialised research centres offer PhD programmes and an LLM by research. Research areas include: Human Rights, Disability Law, Housing Law and Policy, Criminology, EU Law, Family Law, Criminal Justice and many more. For more information visit: [www.universityofgalway.ie/business-public-policy-law/school-of-law/courses/postgradresearchprogrammes/](http://www.universityofgalway.ie/business-public-policy-law/school-of-law/courses/postgradresearchprogrammes/)

A range of full-time and part-time research options (master's and PhD) are also available.

Please see page 297 for research programme listings or visit: [www.universityofgalway.ie/courses/research-postgraduate-programmes/phd-and-masters/#ColBus](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/phd-and-masters/#ColBus)

# Higher Diploma in Business Studies

## Your Course

This Higher Diploma in Business Studies programme is designed to provide you with a well-rounded understanding of business. You will be educated in the fundamental skills of business administration, enabling you to play an active role in the management and development of business enterprises. All modules assume that the student has no previous knowledge of the subject.

This programme includes core modules in Accounting and Financial Analysis, Financial Management, Principles of Economics for Business, Management, Marketing Principles, Management Information Systems, and Innovation: Creativity and Enterprise. A wide range of optional modules are also available to students in Semester 2, which include Accounting for Management Decisions, Macroeconomics and the Business Environment, Employment Relations, Global Marketing, Implementing Digital Innovation, and Business Law (optional modules may be subject to change). The range of modules available allows students to either specialise in a particular discipline or to study a broad range of business subjects.

## Career Opportunities

Graduates get jobs in a diverse range of industries, such as marketing, financial services, information systems and human resources. Graduates have been employed by Allied Irish Bank, Bank of Ireland, HSE, Medtronic, AVIVA, Salesforce and Morgan McKinley. Every year a number of graduates pursue further postgraduate study at master's level, such as the MSc Marketing Practice, MSc Information Systems Management, MSc International Management and MSc Human Resources Management.

## Minimum Entry Requirements

The programme is open to degree holders from a university or other recognised degree-awarding body. Applicants should hold an NQAI Level 8 qualification or equivalent; IELTS score of 6.5 or equivalent, if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/business-studies.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/business-studies.html)



## PROGRAMMES AVAILABLE:

Higher Diploma in Business Studies

**DURATION:** 1 academic year  
(September–May)

**NUMBER OF PLACES:** 50

**COURSE INSTANCES(S):** 1DB1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Breda Lally

**T:** +353 91 493 635

**E:** [dbs@universityofgalway.ie](mailto:dbs@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. This programme provides you with the fundamental skills to work in business, and will complement your existing degree.
2. It provides you with an opportunity for further study in accounting, with exemptions provided from the Association of Chartered Certified Accountants (ACCA) exams.
3. It also provides you with an opportunity for further postgraduate study in the areas of marketing, management, and business information systems.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Accounting

## Your Course

The objective of the Master of Accounting programme is to further develop the academic and professional knowledge and skills of honours accounting graduates who aspire to accounting careers. The programme combines the advanced study of accounting as a basis for a successful career with the development of the student's professional and intellectual capabilities. It places significant emphasis on group work and the development of oral and written communication skills. The content of the programme has been developed with reference to the syllabus of Chartered Accountants Ireland (CAI). Full exemption from CAI's CAP2 examinations is available to students who already have full CAP1 exemptions before taking the MAcc.

**The programme includes the following modules:** Advanced Financial Reporting; Management Accounting; Taxation; Auditing; Finance; Skills for Accounting Research and Practice; Decision Theory and Analysis; and Strategic Management. Candidates also complete two summer schools in May/June. The summer school topics differ from year to year. Recent summer schools have included: Data analytics in audit and accounting; Financing net zero; Digital disruption and performance measurement.

## Career Opportunities

This programme is specifically designed for graduates who aspire to careers in the accounting and tax consultancy professions. Most participants in the programme are sponsored (and subsequently employed) by major accounting firms, such as KPMG, PwC, Deloitte and Ernst & Young.

## Minimum Entry Requirements

The minimum entry requirement is a 2.1 Honours Degree in Business or Commerce, with a significant specialisation in Accounting. Students are normally required to have full exemptions from the CAI's CAP1 examinations before embarking on the MAcc programme.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/accounting.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/accounting.html)

*"I certainly recommend the MAcc programme at University of Galway. The facilities are top class, and the lecturers are very approachable, friendly, and hardworking. The University of Galway MAcc provides a great platform for developing the skills needed for progressing in the workplace and the professional exams. In my present role, I am responsible for provision of financial information and advice to support the financial planning and analysis function in assisting business decisions."*

**Ciarán O'Donnell,**

MAcc graduate, now Financial Analyst at Zenith Technologies

**PROGRAMMES AVAILABLE:** MAcc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 35

**COURSE INSTANCES(S):** 1AY1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** Places will be offered on a rolling basis and candidates are advised to apply as early as possible. Applications will close when the programme is full.

### CONTACT

John Currie

**T:** +353 91 493 884

**E:** [john.currie@universityofgalway.ie](mailto:john.currie@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



**1. Exemptions:** Graduates of the MAcc are granted full exemption from CAI's CAP2 examinations, provided they have full exemption from CAI's CAP1 examination before taking the MAcc.

**2. Professional examinations success:** Our graduates consistently achieve very high places in CAI's Final Admitting Examination and in the final examination of the Irish Tax Institute.

**3. Sponsorship and employment opportunities:** The majority of students on the programme are sponsored by accounting firms who intend to employ and train them as chartered accountants upon graduation from the MAcc.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# International Accounting and Analytics (Pathway A)

## SEPTEMBER INTAKE

### Your Course

This full-year, postgraduate programme is designed for graduates from general business/commerce programmes who have not specialised in accounting and who now wish to choose an accounting specialisation so as to subsequently pursue a professional accounting qualification. In recognition of the growing importance of analytics in business, a specialisation in data analytics is a key element of this programme with two modules in Semester 2 (Data Science and Big Data Analytics, and Advanced Programming for Business Analytics) followed by two summer schools, a Big 4 practitioner-led 'Analytics for Accountants' summer school, and newly launched in June 2020, 'Disruptive Technologies in Accounting and Finance' summer school. This MSc in International Accounting and Analytics at University of Galway provides the opportunity to develop insights into and technical knowledge of tools and techniques for driving organisational performance. This programme responds to the changing skills needed in business, in particular the need for more modules on data interrogation and analytics, noted as increasingly important by the recent Institute of Chartered Accountants in Scotland and UK Financial Reporting Council report on *Auditor Skills in a Changing Business World* (2016).

### Career Opportunities

As a graduate of the MSc in International Accounting and Analytics, you will have an understanding of cutting-edge design and the use of systems and processes to leverage the best use of organisational data to facilitate performance management of organisations. Coupled with your technical accounting skills, you will be well positioned to work within the accounting function and management team to lead and manage organisations to achieve their strategic objectives.

### Minimum Entry Requirements

A First or Second Class Honours Grade 1 in a commerce/business degree (or equivalent qualification) will be required. IELTS score of 6.5 or equivalent, if applicable.

### FIND OUT MORE AT:

[www.universityofgalway.ie/accounting-analytics.html](http://www.universityofgalway.ie/accounting-analytics.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 Year

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MIA1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** Places will be offered on a rolling basis and candidates are advised to apply as early as possible. Applications will close when the programme is full.



### CONTACT

Ms Andrea Crean  
Programme Director  
**T:** +353 91 492 309  
**E:** [accounting@universityofgalway.ie](mailto:accounting@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

1. Includes practical hands-on module on disruptive technologies that are utilised by businesses to implement the transformation of financial processes.
2. KPMG-led summer school on audit and accounting analytics.
3. Exemptions from specific ACCA professional accounting examinations.

### Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

*"Before choosing this course, I had an opportunity to chat with one of the professors, Breda Sweeney, who helped me to understand that it is not just education development at University of Galway that is helping students to have a bright future. It is also the focus on personality development, career development skills, curricular activities, societies, and many more things which impact so much on student life. The course, MSc. in International Accounting and Analytics, is the perfect course for me. There are no other universities who have courses focused on accounting with the combination of great modules like Corporate Finance, Strategic Management, Advanced Programming for Business Analytics, and Big Data Analytics which makes the programme so interesting. The impact of the skills developed from these modules prepares you for a career in industry. I am proud to say that I am a student of University of Galway who has been offered a 50% scholarship. I am enjoying this course so much, being the class representative as well. It is one of the best decisions of my life."*

**Richin Thomas**, MSc International Accounting and Analytics

# International Accounting and Analytics (Pathway B)

## JANUARY INTAKE

### Your Course

This MSc in International Accounting and Analytics at University of Galway provides the opportunity to deepen your study of the application of management accounting techniques in different contexts and to develop understanding, insights and technical knowledge of the data analytics tools and techniques for driving organisational performance. This programme is designed to provide early, and mid-career accountants with the skills and knowledge needed to engage with big data in a variety of roles in practice and industry. Our programme responds to the changing skills needed in business, in particular the need for more modules on data interrogation and analytics, noted as increasingly important by the recent report from the Institute of Chartered Accountants in Scotland and UK Financial Reporting Council *Auditor Skills in a Changing Business World* (2016). Examples of modules include Data Science and Big Data Analytics, Analytical and Communication Skills Development, and Accounting for Management Control.

### Career Opportunities

Our MSc is the first programme of its kind in UK and Irish universities to offer practical hands-on modules which give exposure to audit analytics tools for accountants and disruptive technologies utilised by businesses to implement the transformation of financial processes. As a graduate of the MSc in International Accounting and Analytics you will have access to a wide range of employment opportunities in accounting, industry, management consultancy and financial services.

### Minimum Entry Requirements

Applicants are required to have completed all of the professional accounting examinations and to have been admitted as full members by a recognised professional accountancy body including the following: ACCA, CIPFA, CIMA, CPA, ICAEW, ICAI, ICAS or other IFAC member body assessed as equivalent by the academic programme director. Also required: IELTS score of 6.5 or equivalent, if applicable.

### FIND OUT MORE AT:

[www.universityofgalway.ie/accounting-analytics.html](http://www.universityofgalway.ie/accounting-analytics.html)

*"We are in an age where more data is being created faster than ever before, with less than 1% of data ever being used or analysed. Therefore, the ability to analyse and use this data is a key challenge for all professions, including auditing and accounting. The summer school is a mix of lectures and practical breakout sessions where participants will see how KPMG uses its data and analytics tools to harness the power of technology and bring greater vigour, precision and meaningful insights to the increasing age of data."*

**Laurence May,**

Principal at KPMG, Adjunct Professor at University of Galway

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 7 months, full-time;  
14 months, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MIA3,  
full-time; 1MIA2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** Places will be offered on a rolling basis and candidates are advised to apply as early as possible. Applications will close when the programme is full.



### CONTACT

Ms Andrea Crean  
Programme Director  
**T:** +353 91 492 309  
**E:** [accounting@universityofgalway.ie](mailto:accounting@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

1. Includes practical hands-on module on disruptive technologies that are utilised by businesses to implement the transformation of financial processes.
2. Significant recognition of prior learning (45/90 ECTS).
3. KPMG-led summer school on audit and accounting analytics.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Corporate Finance

## Your Course

The MSc in Corporate Finance is a one-year programme that prepares graduates for a wide range of careers in the financial sector. This programme is designed to equip you with analytical and decision-making skills relevant for the finance industry. It combines specialist knowledge, practical insight and an advanced understanding of corporate finance theory and practice. In addition to the core academic modules, students will be exposed to a variety of learning technologies to develop their skills for practice in a global business environment. The MSc in Corporate Finance is accredited by ACCA, Chartered Financial Analysts and Chartered Accountants Ireland.

### Indicative Modules

Financial Statements Analysis; Management Accounting; Corporate Finance; Intermediate Financial Reporting; Business & Society (Ethics); Applied Portfolio Management; Advanced Financial Reporting; Advanced Corporate Finance—Asset & Equity Evaluation; Skills for Analysis & Communication; Accounting for Management Control; Derivatives & Risk Management; Global Economics; Analytical & Communications Skills Development; and Sustainable Finance & Accounting.

Summer schools in Accounting and Finance: Contemporary Global Issues. **OR 12-week Work Placement\*** *\*We will secure internship opportunities, but it is at the discretion of employers as to whether they shortlist and offer a position to applicants. If a student does not secure an internship, two career relevant summer schools must be completed.*

## Career Opportunities

This programme is designed to equip students with a thorough theoretical grounding in the key subjects relevant to the finance industry, with an emphasis on the ability to maximise shareholder value through short- and long-term planning and the implementation of appropriate financing and investment strategies.

## Minimum Entry Requirements

An honours bachelor's degree in either (a) Business/Commerce to include a number of quantitative subjects such as Economics or Finance or (b) a quantitative-based degree such as Engineering, Mathematics, Economics, or Physics, with a minimum 2.1 award at NFQ Level 8 (or international Economics equivalent) in (a) or (b) above. Applicants should have demonstrated strong academic ability (a 2.1 or 1.1 grade, or equivalent) in a number of quantitative modules in their degree, such as Mathematics, Statistics, or Econometrics. IELTS score of 6.5 or equivalent, if applicable.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/corporate-finance.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/corporate-finance.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1MRF1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316. Two scholarships are available for this programme, see course website for details.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Patricia Martyn

**E:** [mssccorporatfinance@universityofgalway.ie](mailto:mssccorporatfinance@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



1. Students learn to critically analyse and interpret how global financial markets and investment firms operate.
2. We award programme-specific scholarships to study with the Institute of Chartered Financial Analysts.
3. Work placement\* opportunities are available on a competitive basis.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



University Affiliation Program  CFA Institute®

# Higher Diploma in Financial Analysis

## Your Course

Graduates equipped with skills drawn from the dual disciplines of accounting and economics and finance will play increasingly key and impactful roles in financial, banking and business sectors in the future.

This course will introduce students to the fundamental principles and analytical methods of accounting, economics and finance in addition to modules from other business related disciplines. Upon graduating, course participants will be equipped with a foundation of knowledge and skills that will prepare them for further studies and future careers in this field. The long-term employment prospects for graduates from this course are extremely good. In terms of further study opportunities, graduates will be equipped to progress to MSc level programmes, such as the MSc Corporate Finance and the MSc International Finance at University of Galway.

## Career Opportunities

Graduates may take up a range of positions in the financial, banking and business sectors

## Minimum Entry Requirements

The programme is open to degree holders from a university or other recognised degree-awarding body. Applicants should hold an NQAI Level 8 qualification or equivalent; IELTS score of 6.5 or equivalent, if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/financial-analysis.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/financial-analysis.html)



## PROGRAMMES AVAILABLE:

Higher Diploma in Financial Analysis

**DURATION:** 1 year

**NUMBER OF PLACES:** 30

## FEES AND FUNDING:

Course is partially-funded under the Springboard Courses scheme.

**WHEN TO APPLY:** Check Springboard for details:

[www.springboardcourses.ie](http://www.springboardcourses.ie)

## CONTACT

Stephen McNena

**E:** [stephen.mcmena@universityofgalway.ie](mailto:stephen.mcmena@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



**1.** It equips students with the applied analytical skills they need to secure future employment in the financial, banking and business sectors.

**2.** It leverages content from the fields of Accounting, Economics and Finance to provide students with an in-depth understanding of how to analyse the financial consequences of business decisions.

**3.** It provides students with a pathway to further postgraduate study in Accounting, Economics and Finance. The programme is accredited with ACCA and CPA Ireland and provides a number of accounting exemptions.

Thinking about applying?



[www.springboardcourses.ie](http://www.springboardcourses.ie)



# Master of Business Administration (MBA)

## Your Course

The MBA (Master of Business Administration) is a general management programme designed to enable participants to prepare for accelerated career progression through the acquisition of the knowledge, skills and confidence necessary for success in strategic management and senior leadership roles.

### The MBA programme:

- Develops managerial knowledge and skills that have immediate applicability;
- Provides an opportunity to meet like-minded, ambitious executives from a broad range of backgrounds and experiences;
- Challenges participants to think differently;
- Integrates learning across all functional areas of business including finance, management, marketing, accounting, operations and business information systems.

## Career Opportunities

The MBA programme is a common factor in the careers of many successful managers in large multinational companies, SMEs, government agencies, NGOs, professional consultancies and arts organisations. MBA graduates from University of Galway are employed by leading organisations in both the private and public sector, including Alkermes, AIB, An Post, Bank of Ireland, Baxter, Bord Gáis, Boston Scientific, C&D Foods, Cancer Care West, Creganna-Tactx Medical, Department of Education and Skills, Dycon Ltd., Glanbia, Hewlett Packard, Hollister, HSE, Medtronic, mykidstime, ie, O2, Oracle, Salesforce, SAP, SNAP, The City Bin Co., Thermo King, VHE and Transitions Optical.

## Minimum Entry Requirements

Entry is open to graduates who have at least three years of relevant postgraduate administrative or business experience. Applications from non-graduates who have a minimum of five years' business or administrative experience may also be considered.

### FIND OUT MORE AT:

[www.universityofgalway.ie/mba](http://www.universityofgalway.ie/mba)

*The University of Galway MBA is accredited by AMBA  
The Global Standard of Excellence for MBA Education*



### PROGRAMMES AVAILABLE:

MBA

**DURATION:** 2 years, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1AD1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316. Scholarships available; see [www.universityofgalway.ie/mba/scholarships](http://www.universityofgalway.ie/mba/scholarships) for information.

**WHEN TO APPLY:** Applications are reviewed on a rolling basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Martina Sweeney  
MBA Programme Director  
**E:** [mba@universityofgalway.ie](mailto:mba@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. International Leadership Gateway:** Currently delivered in collaboration with our academic partner Fordham University, New York.
- 2.** Continuing personal and professional development tailored to each participant with one-to-one coaching from top business leaders, complemented by small classes that allow for rich staff–student interaction.
- 3.** Specialises in competing globally from, and within, peripheral regions.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# International Management

## Your Course

This award-winning MSc provides students with in-depth knowledge of the principles and application of international business and management. It provides a foundation for a career in international management in established multinational corporations or newly internationalising firms.

You will develop insights into key functional aspects of business including strategy, global marketing, international corporate finance and international human resources management. Cultural awareness and sensitivity is promoted throughout the programme, and you will obtain work-ready skills; including creativity, leadership, data analytics and team-building skills along with critical and analytical skills. Theory and practice is combined through an international study tour (subject to no travel restrictions being in place), company site visits and working on real company case projects. Furthermore, Intel sponsors an award for the highest academically performing student and a new work internship option is available on a limited and competitive basis (please note that it is at the discretion of employers whether they offer a position to applicants).

## Career Opportunities

Graduates have an excellent employment track record. Employment profiles of a sample of our recent graduates are as follows: Area Manager at Kumon, London; Business Marketing Specialist at Telefonica (O2), Dublin; Cash & Trade Analyst with Citi, Dublin; Investment Banker at Jeffries, London; as well as managerial and other appointments in Amazon, Google, J&J Janssen, Smurfit Kappa, First Derivatives, Citi, Greenhouse Software, Salesforce, Siteminder, and Dell EMC.

## Minimum Entry Requirements

Normally a Second Class Honours undergraduate degree, usually a Grade 1, or a H2.1 in the Higher Diploma in Business Studies, is required (or equivalent international qualification). IELTS score of 6.5 or equivalent, if applicable.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/international-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/international-management.html)



*“Consistently strong throughout. Innovative approach and resources particularly impressive.”*

**Judge's comment,**  
Postgraduate  
Course of the Year  
Awards

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 60

**COURSE INSTANCE(S):** 1MIM1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Denise Holland  
**T:** +353 91 492 020  
**E:** [management@universityofgalway.ie](mailto:management@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The programme includes an international study tour to investigate how to do business in an overseas environment.
- 2.** Projects, reports, presentations, case studies, business simulations and field trips form part of the programme.
- 3.** Winner, national Postgraduate Course of the Year Award (Business) 2013 and 2019.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Human Resource Management

## Your Course

This programme, accredited by the Chartered Institute of Personnel and Development (CIPD), is designed to help you to develop a thorough knowledge and applied competence in the fundamentals of human resource management and employment relations. You will examine the nature of work and explore human resource policy and practice in national and multinational organisations. You will develop the knowledge and skills that you need to work as a human resource (HR) professional for organisations operating in the global market-place. The programme is designed to help you to develop a thorough knowledge and applied competence in the fundamentals of employment relations and human resource management (HRM). As a student on the programme, you may join the CIPD, the professional body for HR practitioners; on completion of the MSc, you can apply for a CIPD Associate Membership. Examples of modules include: Learning and Development; Reward Management; International HRM; Employee Relations and Law; Global Business; and Human Resources in Context.

## Career Opportunities

Our students are employed nationally and internationally in HR by companies such as Alkermes, Beckman Coulter, Boston Scientific, Comfort Keepers, CPL Recruitment, Dunnes Stores, Forest Laboratories, Google, the Health Services Executive, Kerry Group, IBEC, Intel, The Irish Times, Matrix Recruitment and Medtronic. A number of graduates have continued their education to PhD level.

## Minimum Entry Requirements

A H2.1 undergraduate honours degree in business or a related discipline (NFQ Level 8), or international equivalent, is normally required. However, candidates with a H2.2 honours degree and who have a minimum of 2 years relevant work experience will also be considered. Students whose first language is not English are required to demonstrate their English language proficiency by successfully completing and passing an English language test, e.g., IELTS (score of 6.5) or equivalent.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/human-resource-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/human-resource-management.html)

*"The MSc HRM provided so many opportunities for career development, through CIPD networking events, team work and panel presentations, which really stood to me in my HR career so far. I would recommend this course to anyone who is considering a career in HR because you develop professionally and personally, and that is thanks to the amazing lecturers. The staff are so committed and passionate about this course, they care."*

**Megan McDermott,**

Talent Acquisition Intern at Creganna Medical

### PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 40

**COURSE INSTANCE(S):** 1M1F1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Fiona Sheridan

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### 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Accredited:** This is one of a small number of Irish programmes accredited by the CIPD.
- 2.** Opportunity to complete a six-month internship and gain valuable experience.
- 3.** High-profile and research-active academic staff.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# CIPD

Championing better work and working lives

# Strategy, Innovation and People Management (SIPM)

## Your Course

This acclaimed, globally accredited programme delivers analytical and applied understanding of strategy, innovation and people management, up to six months' work internship opportunity and human resource management (HRM) accreditation. The programme provides rigorous exposure to and insight into theory and practice, fosters critical thinking, and equips graduates to work in the knowledge-based global economy. It also offers an opportunity for a six-month internship or alternatively a summer school of specialist modules with an applied consultancy project. The MSc SIPM is accredited by the Chartered Institute of Personnel and Development (CIPD) at the highest level, leading to a recognised, global professional qualification in HRM, following requisite experience. The programme comprises nine modules taught over two semesters, a research project and a continuous professional development (CPD) log. A variety of teaching approaches are employed, and each module has its own combination of learning and assessment methods, many involving an applied dimension with external companies.

## Career Opportunities

A range of career opportunities are open to graduates in areas such as graduate management trainee programmes, financial services and business analysis, management consultancy, retail management, hotel management, human resource management, policy development, and research and academia. Employers of graduates of the programme include Accenture, AIB Capital Markets, Aldi, Amazon, Bank of Ireland, Diageo, Dell, Deloitte, Enterprise Ireland (New York), Google, IDA Ireland, Jumeirah Hotels, Mercer Consulting, Oracle, Qualtrics, Cambridge University (PhD), University of Galway and University of Limerick.

Entry requirements include a minimum of second-class honours (NFQ Level 8) or equivalent for example a primary degree with a minimum of three years' relevant work experience. Students whose first language is not English are required to demonstrate their English language proficiency by successfully completing and passing an English language test, e.g., IELTS (score of 6.5) or equivalent.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/strategy-innovation-people-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/strategy-innovation-people-management.html)

*"This master's allowed me to hone my people management skills and learn how leading businesses triumph in the ever-competitive and constantly changing market. The course was really a fantastic experience, and I would encourage anyone to apply as you get a grounding in the human resources aspect which has the CIPD accreditation and also all facets of strategy and innovation management."*

## Tara O'Carroll,

People Operations at Google  
MSc (Strategy, Innovation and People Management) graduate

## PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1MIP1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Rachel Hilliard

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. CIPD benefits:** The programme is approved by the CIPD at the highest level.
- 2. New work internships opportunity:** internship opportunity (up to six months) incorporating an applied research project.
- 3. Applied exposure to the critical areas for organisational success and the template for higher-level achievement.**

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# CIPD

Championing better work and working lives

# Cybersecurity Risk Management

NEW  
COURSE

## Your Course

The MSc in Cybersecurity and Risk Management is a specialist qualification designed for students who wish to embark upon a career in the highly sought after area of IT security in a consultancy, strategic, business or management context. Upon successful completion of this MSc, graduates will be able to;

- Analyse the cybersecurity threats, vulnerabilities and risks faced by an organisation
- Assess the cybersecurity posture of an organisation and recommend and implement appropriate solutions
- Test, monitor and continually improve the effectiveness of an organisation's cybersecurity defence mechanisms
- Formulate business continuity and disaster recovery plans for an organisation
- Formulate cybersecurity and data protection policies and procedures for an organisation.

## Career Opportunities

The "Cyber Security Skills Report 2021: National Survey" concluded that 82% of organisations will hire cybersecurity staff and 50% will hire new graduates. Graduates of the MSc Cybersecurity and Risk Management will have the necessary skills and expert knowledge to take on these challenging roles. Graduates of this programme can find employment in the following roles:

- Cybersecurity Consultant
- Information Security Analyst
- Cybersecurity Trainer
- Information Security Compliance and Risk Officer
- Data Protection Officer
- Systems Architect
- Systems Administrator
- Ethical Hacker / Penetration Tester / Vulnerability Assessor
- Technology Risk Auditor / IT Auditor
- IT Security Project Manager
- Helpdesk Manager
- Business Applications Developer
- Software Development / DevOps

## Minimum Entry Requirements

Normally a Second Class Honours undergraduate degree, a minimum H2.2 but preferably a H2.1 or H1 (or equivalent international qualification). IELTS score of at least 6.5 or equivalent, if applicable. It is expected that successful applicants will come from a variety of academic and professional backgrounds. Prior exposure to information technology is a requirement. The personal statement made on application is important to express your conviction that the programme is right for you and to explain how it fits into your career plans.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/cybersecurity-risk-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/cybersecurity-risk-management.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1TC3.

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Michael Lang

**E:** [bis@universityofgalway.ie](mailto:bis@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

**1.** Demand for graduates with technical skills in cybersecurity and business know-how is at an all-time high. The skills students gain from this course provide a pathway to working in all industry sectors.

**2.** Students will be exposed to the latest developments in cybersecurity through interactions with experts from our industry partners, such as Accenture, Hewlett Packard Enterprise, and Cisco.

**3.** Optionally, students can also gain qualifications with two professional IT security accreditation bodies, CompTIA and EC-Council, whose awards are internationally recognised within the industry.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Ageing and Public Policy

## Your Course

Driven by a commitment to research-informed interdisciplinary education, the MSc examines demographic ageing from a public policy perspective, critically assessing existing approaches and future directions to secure an effective and fair means of engaging older people in ageing societies. Students will: analyze critical policy challenges relevant to diverse older populations; assess the role of public policy in the fair and effective allocation of opportunities across the life course; evaluate the readiness of existing policy structures; and assess to what degree the application of policy levers are supporting older people and addressing system sustainability issues. Offering a choice between on campus and on-line delivery, the course is comprised of an applied project (tied to a placement with a national public, NGO or private organisation), and taught modules that include: International Policy and Ageing; Social Exclusion and Inequalities in Later Life; Dynamics of Ageing and Public Policy; Health Systems and Policy Analysis; Work, Pensions and Retirement; and Cost Benefit Analysis and Evaluation.

## Work Placement

Students have the opportunity to apply for paid/voluntary work placements with national public agencies and civil society organisations instrumental in policy debate and formulation from across the ageing-related policy sector.

## Career Opportunities

Graduates will possess in-depth analytical skill sets which will enhance employability in ageing-specific and general public policy sectors. This includes: capacity for critical thinking; knowledge of and ability to evaluate policies; and capacity to apply data analysis techniques. Students are likely to be employed as: policy analysts and managers in public bodies; policy and strategic planners in civil society organisations; service coordinators; and senior staff within private ageing-related organisations. This course will also serve as an excellent grounding to pursue a PhD programme.

## Minimum Entry Requirements

Normally applicants require a primary degree with Second Class Honours, Grade 1, in a related social science discipline (e.g., economics, sociology, management, social work, policy orientated degrees) or a cognate field of study (e.g., health sciences, public health). IELTS score of 6.5 or equivalent if applicable. Applications from people with commensurate experience in ageing-related policy and practice will be considered.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/ageing-public-policy.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/ageing-public-policy.html)

## PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1MEP1;  
1MEP2

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Professor Kieran Walsh  
Irish Centre for Social Gerontology

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**E:** [kieran.walsh@universityofgalway.ie](mailto:kieran.walsh@universityofgalway.ie)

[www.icsg.ie](http://www.icsg.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** First programme of its kind in Ireland, and one of the first available internationally.
- 2.** Hosted at an internationally recognised research centre—Irish Centre for Social Gerontology.
- 3.** Delivered in collaboration with international policy experts working at the forefront of policy development, and advocacy.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Economic Science

## Your Course

This is an intensive and challenging programme in core economic theory and methods. In addition, a variety of specialist options are provided. It is mainly intended for those aiming for entry to a master's degree programme but who have not yet studied economics in sufficient depth for direct entry.

You will take one of two streams, depending on the level of economics you have previously encountered. Both streams include courses in microeconomic and macroeconomic theory, as well as statistical/econometric or mathematical methods in economics. You will also have a choice from a range of elective modules, usually including Economics of Money and Banking/Financial Economics; Economics of Health; Environmental Economics; Irish Economic History; Public Economics; and Comparative Economic Thought. (The precise list of electives available may vary from year to year.)

## Career Opportunities

Graduates have found employment in commercial banking, insurance, financial services, pharmaceutical companies, economics consultancy, as well as within public sector organisations like Government departments, the Central Bank and State agencies.

## Minimum Entry Requirements

An honours primary degree either with some economics modules or modules of a quantitative/mathematical/statistical nature.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/economic-science.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/economic-science.html)

*“The HDip Economics was a great foundation for the MSc Global Environmental Economics that I am studying for now. The mix of 2nd, 3rd and 4th year undergraduate modules is well structured and enabled me, as someone who has never studied economics before, to get a good handle on the subject and be well prepared for the Masters program. The combination of general economics with more specialised areas gave me a great insight into how broad and diverse economics is, and I would highly recommend this course.”*

### Ally Couchman,

Msc in Global Environmental Economics Science Student

## DID YOU KNOW

*A combined fee arrangement applies to those who complete this programme and subsequently are admitted to one of the three master's in economics programmes at University of Galway (i.e., International Finance, Health Economics, or Global Environmental Economics).*

*In these cases, the Higher Diploma is treated as the first year of a two-year programme, with the second, (master's) year involving a lower fee. Contact the programme director for details.*

**PROGRAMMES AVAILABLE:** HDip

**DURATION:** Two semesters

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1EK2

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Stephen McNena

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## 3 GOOD REASONS TO STUDY THIS COURSE

**1. Research skills:** Students work on a supervised research paper in economics, providing an opportunity to focus on areas of particular interest aligned with their career ambitions.

**2. Conversion course:** It is attractive to those with scientific and engineering backgrounds, as well as humanities, business and social sciences graduates.

**3. Levels of ability catered for:** Depending on your previous study of economics, you can opt for one of two streams on this programme.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Global Environmental Economics

## Your Course

Many of the greatest challenges facing societies around the world today relate to environmental concerns—climate change, food and energy security, the need to achieve sustainable and resilient forms of economic development, sustainable use of natural resources, pollution, and biodiversity loss. The discipline of environmental economics is central to our understanding of these challenges and to the framing and evaluation of appropriate policy responses.

This course will equip students with the skills to address these challenges through a unique combination of theoretical and applied subjects. These are delivered through small-group teaching by academics as well as industry and policy experts. This guarantees a practical focus that is further strengthened through placement opportunities in related companies or research institutes in Ireland or abroad including for example with the UN Climate Change and Universities Partnership Programme.

## Career Opportunities

Graduates have found employment in international development and aid agencies, the European Commission, utility companies, government departments, investment banks, corporate environmental investment funds, United Nations organisations, consultancy firms and local authorities, and many of our graduates have gone on to undertake PhDs.

## Minimum Entry Requirements

Students with a primary degree with Second Class Honours, Grade 1 or equivalent, which will have included the study of economics can apply. Students who hold a Higher Diploma in Economics with Second Class Honours, Grade 1 or equivalent, may also apply.

Students without an economics background are also encouraged to apply. These students are advised to get in touch with the course coordinator as early as possible for more details.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/global-environmental-economics.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/global-environmental-economics.html)



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



## PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1MGEE1 full-time; 1MGEE2, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Thomas McDermott

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## 3 GOOD REASONS TO STUDY THIS COURSE



### 1. Internships on offer:

A number of internships (competitive placements) in environmental, agri-business, energy or marine research institutes and/or business organisations and development agencies will be offered.

### 2. Learn from experts:

Academics from this programme collaborate with researchers from the Rural Economy Research Centre, Teagasc, the Irish Marine Institute, the Economic and Social Research Institute, the Sustainable Energy Authority of Ireland, the UN, the World Bank and the European Commission.

### 3. High Employability:

Graduates find employment in a wide range of sectors and industries, with Environment Sustainability and Governance (ESG) expertise increasingly in demand from both public and private sector employers.

# Health Economics

## Your Course

This MSc provides students with in-depth knowledge and expertise in the application of health economics techniques to address challenging issues concerning the allocation of resources in the health sector. Students will acquire the skills to analyse the economic causes and consequences of healthcare issues and will be exposed to current debates concerning critical national and international issues in health policy. The course consists of taught modules (see full list on course website), and a minor dissertation, and there may be an opportunity to undertake a placement. Students spend up to three months on placement with an appropriate organisation, which may be a pharmaceutical or medical device company, a public agency, a research centre or an international organisation. The internship allows the student to apply the theories and techniques learned in the taught modules. The programme is designed for people interested in pursuing a career in the public sector, working in the government, the health service or public health agencies in the private sector; working in the pharmaceutical, medical device or private care industries; or working in the research sector, working with public, academic, or private consultancy agencies.

## Career Opportunities

Graduates with an MSc in Health Economics qualification are in high demand nationally and internationally. Recent graduates from University of Galway have embarked on careers in the pharmaceutical and medical device industry sectors, research consultancy, and in the voluntary and health sectors. Other graduates have pursued further education at PhD level in Ireland and elsewhere.

## Minimum Entry Requirements

Normally applicants require a primary degree with Second Class Honours, Grade 1, which includes the study of economics to intermediate level. Students who hold a Higher Diploma in Economics with Second Class Honours, Grade 1, or equivalent may also apply. IELTS score of 6.5 or equivalent if applicable. Applications from people with experience in the pharmaceutical or medical device industry sectors, or the health service or public health agencies, are also welcome. Applicants without a background in economics will be offered an opportunity to take a bridging course in economics before starting the programme.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/health-economics.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/health-economics.html)

*"I chose University of Galway because of the strong links to research, particularly with local clinicians and health services. The students on the programme come from a range of academic and professional backgrounds. The highlight of the programme was the 12-week internship which forms the basis of your dissertation. The support and teaching provided was second to none. The MSc in Health Economics has opened up opportunities that would never have been possible without it."*

### Dr Aine Varley,

Intern at the National Centre for Pharmacoeconomics

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 20 full-time;  
10 part-time

**COURSE INSTANCE(S):** 1MHE1,  
full-time; 1MHE2, part-time

**FEES AND FUNDING:**  
Fees information and funding  
opportunities: pages 314 and 316.

**WHEN TO APPLY:** Places will be  
offered on a rolling basis and  
candidates are advised to apply as  
early as possible. Applications will  
close when the programme is full.



### CONTACT

Professor Paddy Gillespie

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Work experience:** A number of internships (competitive placements) in public health agencies, pharmaceutical, medical device or private care industries, private consultancy agencies, and development agencies will be offered. The MSc offers students the opportunity to use the skills they acquire in a placement.
- 2.** Students have successfully transitioned into full-time employment with their placement host.
- 3. Special events:** The Health Economics & Policy Analysis Centre (HEPAC) at University of Galway organises seminars and conferences every year featuring national and international experts in all areas of health economics.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# International Finance

## Your Course

This programme is specifically designed with dedicated courses to deepen your understanding of the forces driving the global economy and the operations of international financial markets. The programme provides a rigorous foundation on the theory of international finance and the necessary technical skills used in applied financial markets analysis, with a particular emphasis on fundamental tools for financial analysis such as R, Python, and Excel.

The programme includes such modules as Applied Portfolio Management; Financial Econometrics; Microeconomic Theory; Global Financial Economics; Financial Data Analytics; Economics and the Global Economy; Financial and Macroeconomic History; and Derivatives and Risk Management. Students also complete an International Finance project.

## Career Opportunities

Graduates with the skills taught in this programme are highly valued by commercial banks, investment banks and other financial institutions, by public institutions such as central banks, and by multinational corporations. Employers of graduates of this programme include Goldman Sachs, J.P. Morgan, First Derivatives, the European Central Bank and the Central Bank of Ireland. As a graduate of this programme, you will combine your knowledge, skills and competences to evaluate investment opportunities, carry out research to develop financial solutions, and leverage your numerical and analytical skills to communicate technical information in a simple format to your clients, employers, and public sector agencies. This course can also be a stepping stone to a PhD programme.

## Minimum Entry Requirements

Normally a Second Class Honours undergraduate degree, usually a Grade 1, or a H2.1 in the Higher Diploma in Business Studies, is required (or equivalent international qualification). IELTS score of 6.5 or equivalent, if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/international-finance.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/international-finance.html)



## PROGRAMMES AVAILABLE:

MEconSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1MIF1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Jason Harold

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**E:** [jason.harold@universityofgalway.ie](mailto:jason.harold@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Unique programme and specialisations:** This is the only master's programme offered in Ireland that specialises in international finance.
- 2.** The programme places special emphasis on current issues in international economic policy and the important role of financial markets in sustainable development.
- 3.** It concentrates on recent developments in the areas of financial data analytics with Python, applying new investment ideas to portfolio management, advances in risk management, and contemporary global macroeconomic challenges.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Information Systems Management

## Your Course

This MSc is designed as a specialist course that assists students in combining their existing talents with the range of technical skills and business knowledge needed to successfully design, develop, use and manage information systems within modern organisations.

**Subjects:** 1. Cloud Computing; 2. Interactive Systems Design; 3. Systems Development and Project Management; 4. Web Design & Development; 5. Database Systems; 6. Advanced Programming for Business Analytics; 7. Business Applications Programming; 8. Information Systems Management; 9. Applied Systems Analysis; 10. Business Modelling and Analytics; 11. Business Data Communications; 12. Enterprise Systems; and 13. Information Systems Security and Ethics.

A major group project must also be completed by the end of June. Technical skills are taught using examples, practical exercises and projects drawn from the world of business. Our focus is on the application of technology to business.

## Career Opportunities

Extensive career opportunities exist for graduates of the MSc in Information Systems Management with companies in a variety of sectors, in Ireland and abroad. Employers of recent graduates include AWS, Fidelity Investments, Google, Accenture, Hewlett Packard, SAP, AIB, MetLife, Diageo, Lidl, Oracle, Boston Scientific, IBM and Microsoft.



## Minimum Entry Requirements

Normally a Second Class Honours undergraduate degree with a H1 or 2.1 (or equivalent international qualification). IELTS score of at least 6.5 or equivalent, if applicable. It is expected that successful applicants will come from a variety of academic and professional backgrounds, ideally with prior exposure to information technology and/or business. The personal statement made on application is important to express your conviction that the programme is right for you and to explain how it fits into your career plans.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/information-systems-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/information-systems-management.html)

Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year

**NUMBER OF PLACES:** 50

**COURSE INSTANCE(S):** 1MIS1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316. Two scholarships are available for this programme, see course website for details.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis until we reach capacity for the number of places available. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Noel Carroll

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## 3 GOOD REASONS TO STUDY THIS COURSE

### 1. Cutting edge modules:

This programme has been carefully designed with the student experience and graduate employability central to our efforts.

### 2. Solving business-related problems:

To meet their potential, we challenge students to explore real-world problems for the public good. We encourage critical thinking, innovation, and collaboration to solve business-related problems. Students skills also range from agile methods, to machine learning, to cloud or mobile technologies. This draws on a broad range of skills, including management, technical, and team collaborations, to develop a "well-rounded" skillset.

**3. HPE Award:** A prestigious academic prize, the HPE Prize in Systems Analysis, is awarded to the graduate who achieves the highest grades across a number of modules.

# Business Analytics

## Your Course

Upon completion of the MSc in Business Analytics, students will have acquired industry-standard skills and in-depth knowledge to:

1. Understand and be able to use specific Information Technology (IT) which is used in developing business analytics;
2. Analyse and solve business problems using applied data analytics tools and techniques;
3. Transform organisations managing data-driven innovations;
4. Identify, analyse and solve applied problems in individual and team-based settings;
5. Apply effective decision-making to global business problems;
6. Understand how to analyse data, extract insights and transform them into business value.

## Career Opportunities

The Expert Group on Future Skills Needs in Ireland expects that in the next seven years between 4,000 and 17,000 additional jobs in business analytics will be created in Ireland. This programme has been designed to meet the growing demand for graduates with business analytics capabilities identified by the Expert Group on Future Skills Needs in Ireland. Graduates of the programme have secured employment with Meta, EY, SAP, IBM, Fidelity Investments, Permanent TSB, Johnson & Johnson, Bank of America, Ericsson, Deloitte, ESB, First Derivatives, Eir, Wayfair, PwC, Bank of Ireland, Scotiabank, Fidelity Investments, Microsoft, TATA, RSA Insurance, Auto1, Amundi, and Anam Technologies.

## Minimum Entry Requirements

Normally a Second Class Honours undergraduate degree, usually a Grade 1, or a H2.1 in the Higher Diploma in Business Studies, is required (or equivalent international qualification). IELTS score of 6.5 or equivalent, if applicable. The qualification must include an element of quantitative techniques, for example, graduates of Business Studies, Engineering, Computer Science, other Sciences, Mathematics or other courses that have some quantitative content.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/business-analytics.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/business-analytics.html)

*“Not only does the programme teach the important fundamentals of business analytics, big data and data science, but they encompass that learning within a broader design thinking approach that seeks to get the most out of every student. The success of the programme speaks for itself in the number of students who are placed in high positions of responsibility at some of the leading companies throughout Ireland and the EU.”*

**Bill Schmarzo**, CTO, IOT and Analytics, Hitachi Vantara, and Honorary Professor, University of Galway.

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 100

**COURSE INSTANCE(S):** 1MBY1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr. Anastasia Griva

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E: [bis@universityofgalway.ie](mailto:bis@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

1. Ranked No. 1 in the world for 'value for money' by QS Rankings 2020.
2. Winner of the inaugural Dean's Award for Inclusive Teaching—Team Award.
3. Class of 2018–19 had 94% employment within two months of completion.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Higher Diploma in Business Information Systems

## Your Course

The worlds of business and digital technology have become inseparable. Almost all organisations now depend upon business information systems (BIS) to control and manage their data, which means that the demand for graduates with technological proficiency and business know-how is at an all-time high. Studying BIS involves, among other things, learning how to design and build ICT systems, as well as understanding how to exploit the business opportunities provided by the ever increasing digitisation of society. To do this, we must develop an intricate understanding of how organisations work, the business processes that generate and consume information, the roles of people and working groups in these processes, and the efficiency of these processes.

The main goal of the Higher Diploma in BIS is to prepare graduates for employment in an ICT-related business context. This course will introduce students to the principles, methods, tools and architectures used in the development and management of ICT. Upon graduating, course participants will be equipped to manage digital technology across all industry sectors and in a range of business functions.

## Career Opportunities

Graduates get jobs in a diverse range of industries, such as marketing, financial services, information systems and human resources. Graduates have been employed by Allied Irish Bank, Bank of Ireland, Central Bank of Ireland, AVIVA and Jameson. Every year a number of graduates pursue further postgraduate study at master's level, such as the MSc Marketing Practice, MSc Information Systems Management, MSc International Management and MSc Human Resources Management.

## Minimum Entry Requirements

The programme is open to degree holders from a university or other recognised degree-awarding body. Applicants should hold an NQAI Level 8 qualification or equivalent; IELTS score of 6.5 or equivalent, if applicable.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/business-information-studies.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/business-information-studies.html)

### PROGRAMMES AVAILABLE:

Higher Diploma in Business Information Studies

**DURATION:** 1 year

**NUMBER OF PLACES:** 30

### FEES AND FUNDING:

Course is partially funded under the Springboard Courses scheme.

**WHEN TO APPLY:** Check Springboard for details:

[www.springboardcourses.ie](http://www.springboardcourses.ie)



### CONTACT

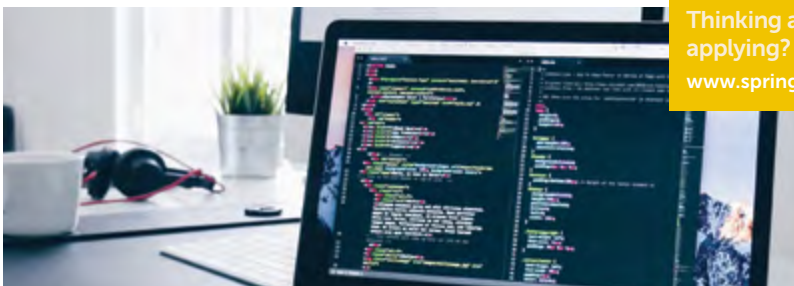
Dr Eoin Whelan

**E:** [HClbusiness@universityofgalway.ie](mailto:HClbusiness@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

1. There is a shortage of graduates with skills in areas such as IT project management, business systems analysis, data analytics, and cybersecurity. This course covers all these areas, while affording students the opportunity to specialise in their preferred area by choosing from a list of elective modules.
2. Students will be exposed to the latest research from the BIS discipline, and will learn how to leverage these insights to exploit the business opportunities provided by the ever increasing digitisation of society.
3. Graduates can identify, analyse and solve business, technology, and technology management problems in applied and other settings.



Thinking about applying?



[www.springboardcourses.ie](http://www.springboardcourses.ie)

# Postgraduate Diploma in Digital Transformation

## Your Course

Digital transformation has become a key strategic issue for companies as it disrupts competitive environments, value chains, business models and professions. The impact of Big Data on decision-making processes means that managers must rapidly acquire new skills and expertise. The ability to embrace digital transformation and put it to work is becoming ever more important. In a fast-changing marketplace characterised by the drive toward Industry 4.0, digital transformation demands a new way of working, necessitating leaders that are competent in the areas of business, technology and innovation management. Upon successful completion of this programme, graduates will be able to:

- Understand how major frontier technologies work, as well as their business, economic and social impacts;
- Use critical thinking skills to effectively and efficiently address substantive business problems through the deployment of ICT solutions;
- Analyse business needs, organisational processes and user requirements;
- Develop innovative strategic responses to exploit new digital possibilities;
- Produce ICT project implementation plans;
- Manage people-related issues within ICT projects;
- Align organisational strategic plans and IT strategic plans;
- Make insightful, data-driven business decisions and assess performance.

## Career Opportunities

The Postgraduate Diploma in Digital Transformation is designed for students who wish to pursue careers as business analysts, consultants, IT project managers, or business analytics/data scientists using the concepts, tools and methodologies of digital transformation to tackle complex business challenges and create value for organisations.

## Minimum Entry Requirements

The programme is open to degree holders from a university or other recognised degree-awarding body. Applicants should hold an NQAI Level 8 qualification or equivalent; IELTS score of 6.5 or equivalent, if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/digital-transformation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/digital-transformation.html)



## PROGRAMMES AVAILABLE:

Postgraduate Diploma in Digital Transformation

**DURATION:** 1 year

**NUMBER OF PLACES:** 30

## FEES AND FUNDING:

Course is partially funded under the Springboard Courses scheme.

**WHEN TO APPLY:** Check Springboard for details:

[www.springboardcourses.ie](http://www.springboardcourses.ie)



## CONTACT

Dr Michael Lang  
Lecturer in BIS

**E:** [HCIBusiness@universityofgalway.ie](mailto:HCIBusiness@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Demand for graduates with technological proficiency and business know-how is at an all-time high. The skills students gain from this course provide a pathway to working in all industry sectors.
- 2.** Students will be exposed to the latest research from the Business Information Systems discipline, and will learn how to leverage these insights to transform organisations to meet the needs of the rapidly evolving digital world.
- 3.** Students who complete this course will be on a pathway to gaining a master's qualification. Specifically, graduates of this course will be eligible for exemptions on two of University of Galway's master's programmes: MSc Business Analytics, and MSc Information Systems Management.

Thinking about applying?



[www.springboardcourses.ie](http://www.springboardcourses.ie)



# International Marketing and Entrepreneurship

## Your Course

This programme will assist students to become knowledgeable about a range of international marketing and entrepreneurship subjects to an advanced level. The programme recognises the importance of international marketing skills required to compete in an increasingly global marketplace. Students will develop specialised knowledge in International Marketing Strategy, International Entrepreneurship and Global Business-to-Business Marketing, as well as general marketing knowledge in subjects such as Digital Marketing and Marketing Analytics. The programme concludes with an intensive Marketing industry event based on current day marketing challenges and an Applied Marketing Project.

## Career Opportunities

Graduates find employment in such companies as GlaxoSmithKline, Kerry Group, Ex Ordo, Salesforce, SAP, Tourism Ireland, Smyths Toys and Shopify.

## Minimum Entry Requirements

A H2.1 undergraduate honours degree in business or a related discipline (NFQ Level 8), or international equivalent, is normally required. However, candidates with a significantly high H2.2 honours degree and who have achieved a 2.1 average within a relevant Marketing specialism in a business degree will also be considered. IELTS score of 6.5 or equivalent, if applicable.

The programme is open to graduates of all disciplines. Applicants from a non-business/marketing degree background, applying as a conversion programme, are required to successfully complete an online Principles of Marketing test, as specified by the Marketing Discipline, prior to commencement of studies.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/international-marketing-entrepreneurship.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/international-marketing-entrepreneurship.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**COURSE INSTANCE(S):** 1MIL1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Sheila Malone

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Work with international companies on applied consultancy based projects.
2. Boost your employability skills with an executive training summer school.
3. Build your networks with guest speakers from leading international marketing professionals.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Student Profile

## A little about our students

"I would highly recommend this programme to anyone who is passionate about the digital aspect of marketing, as you gain valuable knowledge into topical areas of interest for future employers such as marketing analytics, social media marketing, content creation and digital sales management, to name a few. The course fully immerses you in the digital marketing world, where you are given the opportunity to attend captivating talks from industry experts and attain valuable certifications from accredited marketing organisations such as HubSpot.

During my time in the MSc (Digital Marketing) programme I was given the chance to work in many exciting individual and group projects that developed my time management, teamwork and presentation skills. These diverse projects have increased my employability, as working with real life companies gave me valuable insight into the various tasks my future career would encompass and has given me great practice in preparation for these challenges. Assessments were always varied, interesting and industry related, such as creating mock social media content for a real company or taking part in a digital debate on current trends in digital marketing.

The course was well balanced between learning important theory and practising what we learned through interactive class discussions, group projects, presentations and pitches. I can confidently say that I am a well-rounded marketer and prepared to bring these valuable lessons and skills learnt on this course into the real world of marketing!

I was also honoured to receive the Business Merit Postgraduate Scholarship from the J.E. Cairnes School of Business & Economics in the MSc (Digital Marketing). The scholarship has helped alleviate much of the financial strain of undertaking my master's degree and I am very appreciative of the ongoing support I receive from the university in all aspects of my studies."

(Visit [www.universityofgalway.ie/postgraduate\\_scholarships](http://www.universityofgalway.ie/postgraduate_scholarships) for information.)

### Aoife Bell

Digital Marketing Administrator at  
Grant Thornton Ireland



# Digital Marketing

## Your Course

This programme will assist students to become knowledgeable about a range of digital marketing and marketing subjects to an advanced level; understand how marketing objectives can be achieved through the use of digital technologies; develop analytical, oral and written presentation skills; acquire and be able to use accepted research methodologies.

Students develop specialised knowledge in Social Media Marketing Theory, Digital Sales Management, Digital Marketing Strategy and Digital Metrics & Analytics, and Inbound Marketing & Content Creation, as well as general marketing knowledge in subjects such as Branding, Social Marketing & Sustainability, and Marketing Analytics. The programme concludes with a Marketing Event and an Applied Digital Marketing project.

## Career Opportunities

Graduates find employment in a wide variety of industry sectors with companies such as: Microsoft, LinkedIn, Google, Hubspot, AnswerLab, The Knot Worldwide, VHI Healthcare and Wolfgang Digital.

## Minimum Entry Requirements

A H2.1 undergraduate honours degree in business or a related discipline (NFQ Level 8), or international equivalent, is normally required. However, candidates with a significantly high H2.2 honours degree and who have achieved a 2.1 average within a relevant Marketing specialism in a business degree, will also be considered. IELTS score of 6.5 or equivalent, if applicable.

The programme is open to graduates of all disciplines. Applicants from a non-business/marketing degree background, applying as a conversion programme, are required to successfully complete an online Principles of Marketing test, as specified by the Marketing Discipline, prior to commencement of studies.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/digitalmarketingmsc](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/digitalmarketingmsc)

## PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 45–50  
(some shared modules)

**COURSE INSTANCE(S):** 1MDG1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply. **Important:** non-business graduates must apply by 6 July 2023.



## CONTACT

Dr Patricia McHugh

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Build your tech stack with Hubspot and Google Academy certifications.
2. Keep ahead of the digital curve with Web 3.0 training with leading experts.
3. Shortlisted for Best Postgraduate Course of the Year—gradireland Higher Education Awards 2019 and 2020.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Marketing Management

## Your Course

The programme content of this MSc is aimed at preparing graduates for a variety of marketing positions in business. This programme will assist students in becoming knowledgeable about a range of marketing subjects to an advanced level; developing analytical, oral and written presentation skills; acquiring and being able to use accepted research methodologies.

Students develop extensive knowledge in a broad range of marketing subjects such as Strategic Marketing, Strategic Brand Management, Services Marketing, Social Marketing & Sustainability, Marketing Performance & Productivity, Digital Marketing, and Marketing Analytics. The programme concludes with a week-long summer school and an Applied Marketing project.

## Career Opportunities

Graduates find employment in a wide variety of industry sectors with companies such as Johnson & Johnson, Accenture, Genesys, Electric Ireland, The Irish Times, Allied Irish Bank, Ernst & Young and Big Spaceship.

## Minimum Entry Requirements

A H2.1 undergraduate honours degree in business or a related discipline (NFQ Level 8), or international equivalent, is normally required. However, candidates with a significantly high H2.2 honours degree and who have achieved a 2.1 average within a relevant Marketing specialism in a business degree, will also be considered. IELTS score of 6.5 or equivalent, if applicable.

The programme is open to graduates of all disciplines. Applicants from a non-business/marketing degree background, applying as a conversion programme, are required to successfully complete an online Principles of Marketing test, as specified by the Marketing Discipline, prior to commencement of studies.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/marketing-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/marketing-management.html)

*“The MSc in Marketing Management entailed a great deal of group work which required me to focus on building relationships and improving my overall ability to work with people from different parts of the world and different cultures which provided me with new perspectives and insights. I came here with no background in business or marketing. After completing the course, I’ve learnt a great deal about marketing that I will use in my future career”*

**Amy Hasenauer,**

PSL Group

### PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**COURSE INSTANCE(S):** 1MM1,  
full-time; 1MM2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Declan Fleming

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### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Become an all-round marketing professional with advanced strategic marketing knowledge and skills.
- 2.** Work with real companies on applied consultancy based projects.
- 3.** Be industry ready with analytical and research-led skills.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Marketing Practice

## Your Course

This unique, action-based learning programme has successfully helped young graduates kick-start their careers in marketing for over 40 years.

A 37-week paid professional marketing work placement, five taught modules, an applied project, and on-site visits to companies recognised as world leaders in the practice of marketing, are successfully combined in this award-winning programme.

Students learn how to (i) keep up to date with the ever changing world of marketing, (ii) immerse themselves in learning what they need to solve applied marketing problems in their workplace and (iii) gain internationally recognised certification and accreditation as they proceed. Students are exposed to the latest trends in the practice of marketing, learning directly from inspiring industry experts who share their expertise and experience in the classroom and in the workplace.

Topics covered include everything from marketing analytics, search engine marketing, the integration of marketing and sales, artificial intelligence (AI), chatbots, virtual reality, user-generated content, voice search, multi-channel marketing, account-based marketing, content marketing, inbound marketing, marketing attribution, and so much more. The possibilities and opportunities for learning are endless!

Irish-based, small-to-medium sized enterprises and multinational corporations across all sectors, act as host companies offering challenging placement opportunities for students.

## Career Opportunities

Employment opportunities for graduates are exceptional, with the programme securing a 100% employment record.

Recruiting graduates of the programme most recently are Google, Hubspot, SAP, IBM, Salesforce, Oracle, LinkedIn, Facebook, Yahoo, L'Oreal, Glanbia, IKEA, AIB, Wayfair, Pathfinder, Smyths Toys and Bord Bia. Graduates build successful marketing careers regionally, nationally and globally in organisations across all sectors imaginable.

## Minimum Entry Requirements

Normally a Bachelor of Commerce or equivalent business degree, with a Second Class Honours Grade 2, with a minimum of a 55% average in the final degree, and a significant specialisation in marketing (QQI Level 8 or equivalent).

Applications are also welcome from graduates fluent in German, French, Spanish, Italian, Finnish and Nordic languages with an interest in a career in professional sales-consulting roles in multinational companies based in Ireland.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/marketing-practice.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/marketing-practice.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCES(S):** 1MMK1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 19 March 2023.

Early applicant interviews in Jan./ Feb. Some late applicants may be considered throughout the summer, pending availability of places. Early application advised to avoid disappointment.



## CONTACT

Ann Walsh

Programme Director

**T:** +353 91 492 575

**E:** [marketingpractice@universityofgalway.ie](mailto:marketingpractice@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

**1. Paid placement:** Students are paid by their host company while developing their marketing knowledge and technical skills in a professional marketing role.

**2. Support and mentoring:** The Programme Director is available in person, by phone and online, to provide ongoing mentoring and support to students throughout their placement. In-company assessment sessions are carried out to review and evaluate student progress and performance.

**3. Strong professional alumni network:** Nearly 40 years on offer, this programme boasts an exclusive international alumni network. Alumni contribute to the delivery of the programme, recruit students on placement and employ graduates on completion.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Business and Hospitality

LOCATION:  
SHANNON

## Your Course

The MSc in Business and Hospitality is designed for those with hospitality/business qualifications or experience who wish to develop their knowledge of hospitality systems, trends and business applications to an advanced level. The programme is designed as a specialist course which assists students in blending their existing talents with the advanced hospitality and business skills and knowledge needed to manage a modern hospitality organisation. Modules include: Global Business and International Human Resource Management (HRM); Project Management; Information Technology for Hospitality; and Performance and Revenue Management.

## Career Opportunities

Graduates with the skills taught in this programme are highly valued by a range of business and hospitality organisations, both nationally and internationally.

## Minimum Entry Requirements

Candidates for the MSc in Business and Hospitality will normally hold, or expect to hold before the programme commences, an undergraduate degree, usually a Second Class Honours or equivalent in a related area. IELTS score of 6.5 or equivalent if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/hospitalitymanagement.html](http://www.universityofgalway.ie/hospitalitymanagement.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MBH1,  
full-time; 1MBH2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Lorraine Kavanagh

Programme Leader

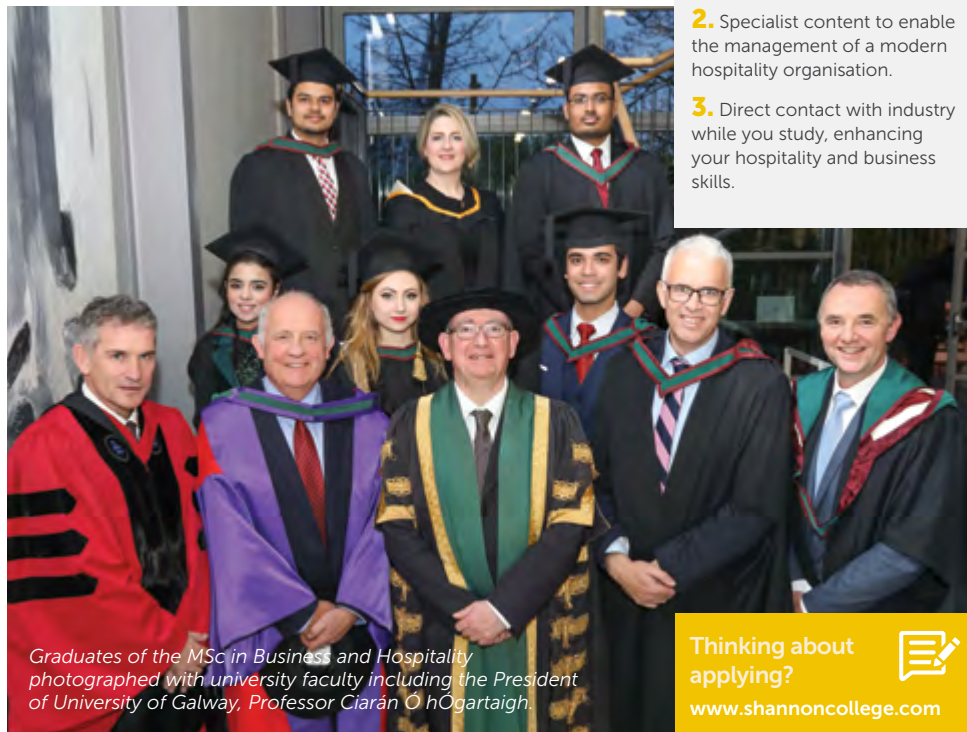
**T:** +353 91 497 238

**E:** [loraine.kavanagh@universityofgalway.ie](mailto:loraine.kavanagh@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Employability:** Graduates have excellent employment opportunities.
- 2. Specialist content** to enable the management of a modern hospitality organisation.
- 3. Direct contact** with industry while you study, enhancing your hospitality and business skills.



Graduates of the MSc in Business and Hospitality photographed with university faculty including the President of University of Galway, Professor Ciarán Ó hÓgartaigh.

Thinking about applying?



[www.shannoncollege.com](http://www.shannoncollege.com)

# Global Hospitality Management and Intercultural Communication

LOCATION:  
SHANNON

## Your Course

The MSc Global Hospitality Management and Intercultural Communication is designed for those who would like to develop and strengthen their knowledge and skills in human resource management (HRM) while becoming competent in intercultural communication. The programme aims to prepare graduates by developing their understanding of different cultural contexts and viewpoints while attaining valuable business skills, thus enabling graduates to work successfully in various sectors across the global business market. Modules include: Global Business and International HRM, Intercultural Communication for Business, Management of Organisational Change, and Project Management.

## Career Opportunities

By completing this programme, graduates will have developed the skills necessary to work in both national and global HRM across a variety of sectors including hospitality, aviation, and multinational companies.

## Minimum Entry Requirements

Candidates for the MSc Global Hospitality Management and Intercultural Communication will normally hold, or expect to hold before the programme commences, an undergraduate degree, usually a Second Class Honours or equivalent in a related area. IELTS score of 6.5 or equivalent if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/taught-postgraduate-courses/global-hospitality-management-intercultural-communication.html](http://www.universityofgalway.ie/taught-postgraduate-courses/global-hospitality-management-intercultural-communication.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316. Please also see [www.universityofgalway.ie/shannoncollege/international-students/scholarships](http://www.universityofgalway.ie/shannoncollege/international-students/scholarships)

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

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Programme Leader

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Employability:** Graduates have excellent employment opportunities.
- 2. Management Skills:** Graduates will learn how to manage a diverse multi-cultural team.
- 3. Internship Opportunity:** Students will have an opportunity to work in dynamic multicultural human resources environments.

Thinking about applying?



[www.shannoncollege.com](http://www.shannoncollege.com)

# Hospitality and Leadership

LOCATION:  
SHANNON

## Your Course

The Postgraduate Certificate in Hospitality and Leadership is designed for those with hospitality and/or business qualifications and/or experience who wish to develop their knowledge of hospitality systems, trends, and business applications to an advanced level. The programme is designed as a specialist course which assists students in blending their existing talents with advanced hospitality and developing skills in strategy, asset management, intercultural communications, and project management. Modules include: Hotel Asset Management, Project Management, Strategy and Innovation for Hospitality, and Intercultural Communication for Business.

## Career Opportunities

Graduates with the skills taught in this programme are highly valued by a range of business and hospitality organisations, both nationally and internationally.

## Minimum Entry Requirements

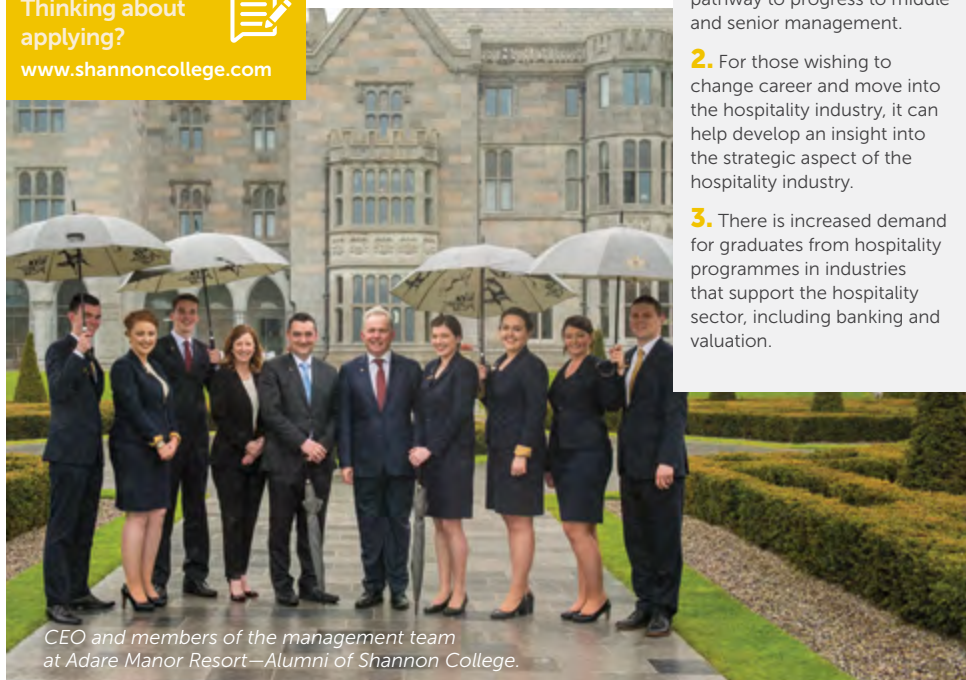
Candidates for this PgCert will normally hold, or expect to hold before the programme commences, an undergraduate degree, usually a Second Class Honours or equivalent in a related area. Relevant work experience may also be considered in lieu of an academic qualification. IELTS score of 6.5 or equivalent if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/taught-postgraduate-courses/hospitality-and-leadership.html](http://www.universityofgalway.ie/taught-postgraduate-courses/hospitality-and-leadership.html)

Thinking about applying?

[www.shannoncollege.com](http://www.shannoncollege.com)



CEO and members of the management team at Adare Manor Resort—Alumni of Shannon College.

## PROGRAMMES AVAILABLE:

PgCert

**DURATION:** 1 semester, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** DHL9

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**START DATE:** January 2023

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. For those with operational experience, it can be seen as a career development/upskilling pathway to progress to middle and senior management.
2. For those wishing to change career and move into the hospitality industry, it can help develop an insight into the strategic aspect of the hospitality industry.
3. There is increased demand for graduates from hospitality programmes in industries that support the hospitality sector, including banking and valuation.



# Hospitality Management

**NEW COURSE:  
SHANNON COLLEGE**

## Your Course

The Postgraduate Certificate in Hospitality Management is designed for those with hospitality and/or business qualifications and/or experience who wish to further develop their management skills while developing an understanding of business analytics and IT for hospitality. The programme is designed as a specialist course which assists students in fostering their own management style by incorporating current and future management concepts and practices. Modules include: Global Business & International Human Resource Management, IT for Hospitality, Performance & Revenue Management, and Business Analytics Fundamentals.

## Career Opportunities

Graduates with the skills taught in this programme are highly valued by a range of business and hospitality organisations, both nationally and internationally. Career development and support is offered to all postgraduate students at Shannon College. This is an excellent support for students as it gives them access to the continuously expanding global hospitality sector.

## Minimum Entry Requirements

Candidates will normally hold, or expect to hold before the programme commences, an undergraduate degree, usually a Second Class Honours or equivalent in a related area. Relevant work experience may also be considered in lieu of an academic qualification. IELTS score of 6.5 or equivalent if applicable.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/hospitality-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/hospitality-management.html)

Thinking about applying?



[www.shannoncollege.com](http://www.shannoncollege.com)



### PROGRAMMES AVAILABLE:

PgCert

**DURATION:** 1 semester, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** CHM9

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 30 June 2023



### CONTACT

Lorraine Kavanagh  
Programme Leader

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**E:** [loraine.kavanagh@universityofgalway.ie](mailto:loraine.kavanagh@universityofgalway.ie)

## 3 GOOD REASONS TO STUDY THIS COURSE



1. For those with operational experience, it can be seen as a career development/upskilling pathway to progress in middle and senior management in the hospitality sector.
2. For those wishing to further develop their managerial skills in the area of HRM and performance and revenue.
3. There is increased demand for graduates from hospitality programmes in industries that support the hospitality sector, including business analytics and IT skills.

A portrait of Andrew Keane, a middle-aged man with grey hair, smiling. He is wearing a dark blue suit jacket, a white shirt, and a patterned tie. The background is a wall of stacked, light-colored stone blocks. A pink rectangular frame is overlaid on the image, partially enclosing the man's face and shoulders.

## Student Profile

### A little about our students

“Shannon College of Hotel Management has a great inclusive learning culture due to the number of students being relatively small compared to a larger campus and one gets the feeling of being an individual as opposed to just being a number.

Having completed an honours degree in business and hospitality in 2002 and wanting to reignite my academic journey, the MSc in Business and Hospitality allowed me to link the learnings to my day-to-day role and be able to evaluate myself as a business leader.

I would highly recommend this master’s programme in Shannon College of Hotel Management because it provided me with the updated tools necessary to navigate my career through these ever-changing times.”

#### **Andrew Keane**

Deputy General Manager, Sligo Park Hotel  
MSc Business & Hospitality (see page 139)

# Hospitality Performance, Revenue and Asset Management

LOCATION:  
SHANNON

## Your Course

The MSc in Hospitality Performance, Revenue and Asset Management fosters the analytical and revenue-focused mindset graduates will need to forecast future performance, while also predicting and mitigating risk. Students will learn to exploit business analytics, performance, and yield management techniques, enabling them to become more adaptable to the needs of the dynamic business environment. Modules include: Performance and Revenue Management, Hotel Asset Management, Strategy and Innovation for Hospitality, and Business Analytics.

## Career Opportunities

By completing this programme, graduates will have attained the necessary attributes and skills needed to work in both national and global businesses in the fields of revenue management, performance management, and asset management. Examples of possible career opportunities include: Business/Data Analyst, Pricing Analyst, and Asset Manager.

## Minimum Entry Requirements

Candidates for the MSc in Hospitality Performance, Revenue and Asset Management will normally hold, or expect to hold before the programme commences, an undergraduate degree, usually a Second Class Honours or equivalent in a related area. IELTS score of 6.5 or equivalent if applicable.

## FIND OUT MORE AT:

[www.universityofgalway.ie/taught-postgraduate-courses/hospitality-performance.html](http://www.universityofgalway.ie/taught-postgraduate-courses/hospitality-performance.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316. Please also see [www.universityofgalway.ie/shannoncollege/international-students/scholarships](http://www.universityofgalway.ie/shannoncollege/international-students/scholarships)

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Loraine Kavanagh  
Programme Leader

**T:** +353 91 497 238

**E:** [loraine.kavanagh@universityofgalway.ie](mailto:loraine.kavanagh@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Employability:** Graduates have excellent employment opportunities (including an internship option).
- 2.** Graduates will learn how to analyse business performance and adopt appropriate revenue management strategies.
- 3.** Graduates will develop critical analytical capabilities to aid decision-making in the management of business assets.

Thinking about applying?



[www.shannoncollege.com](http://www.shannoncollege.com)



# International and Comparative Business Law

## Your Course

This programme provides an excellent grounding in business law, for those interested in pursuing a career in legal practice or in the commercial world. Students can choose from a range of modules at an advanced level and tailor their LLM to suit their interests and career plans. You will expand your knowledge of business law from a national, regional and international perspective. Modules include such diverse options as EU Competition Law, Advanced Intellectual Property Law, European Consumer Law, and Global Issues in Contemporary Labour Law. This programme provides students with an opportunity to engage with leading commercial practitioners to develop their legal expertise and skills in business law.

## Career Opportunities

The LLM in International and Comparative Business Law is of particular interest to students interested in pursuing a career with an international law firm. The School of Law runs a programme of careers events annually including a Careers in Law Week, during which students have an opportunity to meet partners from leading law firms and attend interview skills workshops. Additionally, the programme offers a number of commercial legal placements with the leading law firms in the jurisdiction, enhancing the students' practical knowledge of working in a commercial firm and ensuring they gain skills which will be very attractive to prospective employers in the commercial sector.

## Minimum Entry Requirements

An approved Second Class Honours Degree, Grade 1 (2.1) in law, or an inter-disciplinary degree in which law was a major component. Applicants awarded a Graduate Diploma in Law may be considered but will be admitted only if they demonstrate a strong academic performance in both the undergraduate degree and diploma.

### FIND OUT MORE AT:

[www.universityofgalway.ie/business-public-policy-law/school-of-law/courses/postgraduatetaughtcourses/internationalcomparativebusinesslawllm/](http://www.universityofgalway.ie/business-public-policy-law/school-of-law/courses/postgraduatetaughtcourses/internationalcomparativebusinesslawllm/)

*“Working within a heavily regulated global medical device industry brings its challenges in terms of dealing with multiple jurisdictions and diverse regulatory and enforcement authorities. The LLM in International and Comparative Business Law greatly assists me in a professional capacity, in the achievement of both short and long term work and career objectives.”*

**Peter Franklin, Master of Law**



### PROGRAMMES AVAILABLE:

LLM

**DURATION:** 1 year, full-time;  
2 years, part-time

**AVERAGE INTAKE:** 15

**COURSE INSTANCE(S):** ML26,  
full-time; ML27, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Connie Healy

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### 3 GOOD REASONS TO STUDY THIS COURSE

1. Students undertaking this course will have the opportunity to compete for one of five very prestigious commercial legal placements with leading commercial law firms.
2. Students undertaking the course will be taught by lecturers who are experts in their field and who will assist students to network at conferences, and other venues, in their preferred modules on the programme.
3. As there is a focus on gaining practical skills in many of the modules offered, students will be well placed to enter the business world having acquired key transferrable skills to include: critical thinking, legal writing, negotiation, advocacy, mediation, among others.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# International and Comparative Disability Law and Policy

## Your Course

The LLM in International and Comparative Disability Law and Policy is unique in the world as an innovative and internationally focused LLM dealing with the process of law reform in the field of disability. The programme delivers a solid grounding for future practitioners, policymakers and academics in the field of disability reform.

The adoption of the United Nations (UN) Convention on the Rights of Persons with Disabilities has resulted in significant changes in the area of disability law and policy. Our graduates will be among the first to be skilled in this growing area of law and policy.

This programme will be of interest to students who have completed a primary law degree, legal practitioners, public servants, disability and human rights advocates and people working in disability services.

## Career Opportunities

Graduates have found employment in a variety of areas, including work at the UN, in senior legal appointments, as lecturers, solicitors, and barristers, on the national advocacy board and human rights commissions, as government advisors and with non-governmental organisations. Many of our graduates are leading change and law reform in disability law throughout the world. Graduates of the programme have also secured funding to pursue PhD research and are now working in universities around the world.

## Minimum Entry Requirements

Applicants must hold a Second Class Honours, Grade 1 (2.1), degree in law, or an interdisciplinary degree in which law was a major component. In exceptional circumstances, applicants holding a degree in another discipline or a degree of less than a 2.1 standard may be considered where they have relevant professional experience in law or disability right.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/law-intl-comparative-disability-policy.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/law-intl-comparative-disability-policy.html)

*"I would highly recommend the course to other students who intend to venture into disability law and policy. The course gives an in-depth insight into the UN Convention on the Rights of Persons with Disabilities and further bridges the gap between practice and theory. University of Galway is the only place which offers this unique course with exceptionally qualified staff."*



**Milika Sakala**, Graduate

**PROGRAMMES AVAILABLE:** LLM

**DURATION:** 1 year, full-time;  
2 years, part-time

**AVERAGE INTAKE:** 20

**COURSE INSTANCE(S):** 1ML17,  
full-time; 1ML18, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr János Fiala-Butora

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**E:** [janos.fiala-butora@universityofgalway.ie](mailto:janos.fiala-butora@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Prestigious internships based in Geneva with the UN Committee on the Rights of Persons with Disabilities are exclusively offered to two of our students. Interns will complete research to support the UN Committee's work and will have the chance to participate in and observe committee sessions.
- 2.** Expert lecturers with national, European and international teaching and research profiles deliver the programme.
- 3.** The Centre for Disability Law and Policy is the only research centre of its kind in Ireland dedicated to producing research that informs the debate on national and international disability law reform and policy.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# International Criminal Law

## Your Course

This programme is offered at the Irish Centre for Human Rights within the School of Law. This centre is one of the world's premier university-based institutions for the study and promotion of human rights and humanitarian law. The LLM in International Criminal Law (ICL) will provide you with an understanding of the history and institutional structures of international criminal tribunals and the International Criminal Court (ICC). It will equip you with knowledge of international criminal law, the principles, the component crimes and the procedural issues, and enable you to develop a critical approach to the relationship between other accountability mechanisms, such as truth commissions.

The module International Criminal Law and the dissertation are compulsory. The modules International Humanitarian Law and Procedure before International Criminal Courts and Transitional Justice are also recommended for ICL students. A wide range of subject choices is available to students, drawing on the expertise of our full-time staff and prestigious adjunct faculty. List of modules available at:

[www.universityofgalway.ie/irish-centre-human-rights/academics/llmprogrammes/modules](http://www.universityofgalway.ie/irish-centre-human-rights/academics/llmprogrammes/modules).

## Career Opportunities

Students who have undertaken and successfully completed the programme tend to fall into one of four categories: (1) those who work within the United Nations (UN) or with UN-affiliated organisations; (2) those who work in NGOs and quasi-NGOs, both human rights and development; (3) those who work in academic institutions or pursue a PhD/JD; and (4) those who work in diplomatic or government-based work (in the human rights division of the Department of Foreign Affairs, for example). Within these umbrella categories, students have pursued work in the ICC, Amnesty International, Human Rights Watch, ICRC, the UN system (Geneva and New York), locally based NGOs, and trade and health organisations, as well as domestic law firm work that draws on international legal mechanisms and research-based work in university research centres, to name but a few.

## Minimum Entry Requirements

Candidates must be approved by the School of Law. They should preferably hold a Level 8 degree in law or an interdisciplinary degree which includes a substantial law component and in which they have attained a minimum Second Class Honours, Grade 1 standard or its equivalent.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/law-international-criminal.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/law-international-criminal.html)

**PROGRAMMES AVAILABLE:** LLM

**DURATION:** 1 year, full-time;  
2 years, part-time

**AVERAGE INTAKE:** 10

**COURSE INSTANCE(S):** 1ML10,  
full-time; 1ML11, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Professor Shane Darcy

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## 3 GOOD REASONS TO STUDY THIS COURSE



### 1. Access to expertise:

Students are introduced to experts working in ICL through seminars, guest lectures, the summer school on the ICC and the annual study trip to The Hague.

2. Distinguished visitors to the Centre for Human Rights have included Judge Carmel Agius, Senator Robert Badinter, Judge Maureen Harding Clark, Richard Goldstone, President Philippe Kirsch, Judge Theodor Meron, Judge Navanethem Pillay and Judge Kimberly Prost.

3. Graduates can expect excellent career opportunities.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# International Migration and Refugee Law and Policy

This unique programme enables students to develop their knowledge of international and regional law, policy and practice as it relates to the phenomena of international migration, human trafficking and refugee law. Students can combine the study of international migration with specialised courses in international humanitarian law and peace operations, gender and law, child rights, and international criminal law. The programme engages students with current developments on the human rights of migrants and refugees, globally, regionally and nationally. It includes unique practice-oriented teaching, allowing students to specialise in oral and written advocacy (legal and policy), strategic litigation, fact-finding and international development. A wide range of subject choices is available to students, drawing on the expertise of our full time staff and prestigious adjunct faculty. List of modules available at:

[www.universityofgalway.ie/irish-centre-human-rights/academics/lmprogrammes/modules](http://www.universityofgalway.ie/irish-centre-human-rights/academics/lmprogrammes/modules).

## Career Opportunities

- Work with domestic, regional or international non-governmental or inter-governmental organisations specialising in migration or refugee protection, human trafficking or human rights law or policy;
- Develop specialised legal practice skills in the expanding field of migration and asylum law and human rights;
- For those already working in the area of international migration/refugee law, develop a more solid conceptual and knowledge base to develop that role;
- For those interested in pursuing PhD research, identify a suitable research question, method and theoretical framework for that research.

## Minimum Entry Requirements

The Irish Centre for Human Rights welcomes students with undergraduate Level 8 degrees in disciplines such as law, political science, international relations, international development or social sciences. In cases where applicants come from a non-law background, the Irish Centre for Human Rights will consider academic background, relevant work experience, references and a personal statement. Applicants must normally have attained at primary degree level a result of Second Class Honours, Grade 1, or equivalent. However, those falling short of this standard may be considered where they can demonstrate other appropriate academic accomplishments as well as relevant work experience.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/law-international-migration-refugee-law.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/law-international-migration-refugee-law.html)

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

**PROGRAMMES AVAILABLE:** LLM

**DURATION:** 1 year, full-time;  
2 years, part-time

**AVERAGE INTAKE:** 10

**COURSE INSTANCE(S):** 1ML30, full-time; 1ML31 and 1ML32, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

**1.** Students are taught by internationally recognised scholars with world-class expertise in international migration, human trafficking and refugee law, and strong track records of engagement and impact in the field.

**2.** This is a multidisciplinary programme, offering a range of specialised courses on migration, with a core focus on practical skills of research and policy advocacy, implementation, and human rights law. Students benefit from a series of seminars and workshops with leading international practitioners in migration and refugee law and policy.

**3.** Graduates will join a global alumni network of the Irish Centre for Human Rights, with options to pursue careers in the fields of migration, forced displacement, refugee law and policy, and human rights. Students are supported in seeking internship and work placement opportunities and provided with targeted career advice and supports.

# International Human Rights

## Your Course

This programme is offered at the Irish Centre for Human Rights within the School of Law. The centre is one of the world's premier university-based institutions for the study and promotion of human rights and humanitarian law. The programme offers students a wide range of specialised courses, taught by leading experts in the field, and prepares students for work in the international human rights field, in policy, law, advocacy or human rights practice. Students participate in a dynamic programme of seminars, workshops and conferences with world-leading practitioners and scholars. While the programme's emphasis is on the law and policy of human rights, suitably qualified candidates from non-law backgrounds are encouraged to apply. Coursework begins with an in-depth study of the international human rights system and selected issues of international human rights law. Specialised modules in business and human rights, climate justice, international migration law, refugee protection, international humanitarian law, international criminal law, minority rights and rights of indigenous peoples, gender and human rights, counter-terrorism and human rights, and child rights. Completing a 15,000-word research thesis in the field of international human rights law is also a requirement. A wide range of subject choices is available to students, drawing on the expertise of our full time staff and prestigious adjunct faculty. List of modules available at:

[www.universityofgalway.ie/irish-centre-human-rights/academics/lmprogrammes/modules](http://www.universityofgalway.ie/irish-centre-human-rights/academics/lmprogrammes/modules)

## Career Opportunities

The programme equips students to pursue careers with international organisations or United Nations (UN) bodies; in international NGOs, in international or national legal practice, and in policy, advocacy or research work. Students may also decide to work in government, diplomacy or international affairs. The programme will also provide a foundation for further studies through the structured PhD in human rights.

## Minimum Entry Requirements

The programme welcomes students with a Level 8 (or equivalent) undergraduate degree in a range of disciplines including law, political science, social sciences and humanities. In cases where applicants come from a non-law background, the Centre for Human Rights will consider academic background, relevant work experience, references and a personal statement. Applicants must normally have attained at primary degree level a result of Second Class Honours Grade 1, or equivalent. However, those falling short of this standard may be considered where they can demonstrate other appropriate academic accomplishments as well as relevant work experience.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/law-international-human-rights.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/law-international-human-rights.html)

**PROGRAMMES AVAILABLE:** LLM

**DURATION:** 1 year, full-time;  
2 years, part-time

**AVERAGE INTAKE:** 25

**COURSE INSTANCE(S):** 1ML2,  
full-time; 1ML3, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Professor Siobhán Mullenally

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The programme offers a unique range of specialised courses on the most pressing issues of human rights today.
- 2.** Students benefit from a dynamic programme of conferences, workshops, and summer schools with leading international experts.
- 3.** Graduates will join a global network of Irish Centre for Human Rights alumni, who work with leading UN bodies, and international organisations and in key government and practitioner roles.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Peace Operations, Humanitarian Law & Conflict

## Your Course

The LLM in Peace Operations, Humanitarian Law & Conflict provides students with a comprehensive insight into the global frameworks of international humanitarian law and human rights protection with the addition of a peacekeeping specialisation. This interdisciplinary programme focuses on UN peacekeeping and related operations to provide insights into the peace operations and conflict resolution frameworks. This unique programme offering combines issues relating to peacekeeping, international humanitarian law, human rights and conflict resolution to prepare graduates for work in the field of international peace operations with international organisations, non-governmental organisations (NGOs) and as individual advocates. A wide range of subject choices is available to students, drawing on the expertise of our full time staff and prestigious adjunct faculty. List of modules available at: [www.universityofgalway.ie/irish-centre-human-rights/academics/llmprogrammes/modules](http://www.universityofgalway.ie/irish-centre-human-rights/academics/llmprogrammes/modules).

## Career Opportunities

Graduates have gone on to work with the UN, OSCE, NATO and the EU. Others are working with NGOs in conflict and post-conflict environments, including the DRC, Haiti, Liberia, Sudan and Kosovo. Military and police personnel from Ireland and elsewhere have completed the degree with a view to enhancing their career prospects.

## Minimum Entry Requirements

Applicants must normally have attained at primary degree level a result of Second Class Honours, Grade 1, or equivalent. However, those falling short of this standard may be considered where they can demonstrate other appropriate academic accomplishments as well as relevant work experience. Also, candidates who have completed a military command and staff course or its equivalent at an institute recognised by University of Galway and who have relevant professional experience that, in the opinion of the School of Law, qualifies them to read for the LLM may also be considered.

Candidates who have significant experience in the field of peace operations and/or international human rights, for example, with international organisations or international NGOs, are encouraged to apply under this rubric.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/law-international-peace-support-operations.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/law-international-peace-support-operations.html)



### PROGRAMMES AVAILABLE:

LLM

**DURATION:** 1 year, full-time;  
2 years, part-time

**AVERAGE INTAKE:** 12

**COURSE INSTANCE(S):** 1ML15,  
full-time; 1ML16, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Professor Ray Murphy

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**E:** ray.murphy@  
universityofgalway.ie



### 3 GOOD REASONS TO STUDY THIS COURSE



#### 1. Extra credit opportunities:

The programme provides 15 credits in exchange for submission of a written assignment of appropriate length reviewing previous international field experience.

2. The programme may also recognise and credit a peace operations course of appropriate duration delivered at another centre/institute recognised by University of Galway.

3. Excellent and diverse career opportunities are available to graduates of this course.

Thinking about  
applying?



[www.universityofgalway.  
ie/apply](http://www.universityofgalway.ie/apply)

# LLB

## (Bachelor of Laws)

### Your Course

Law impacts on all aspects of life today, and the LLB provides you with an excellent basis for a career as a practising lawyer, as well as in other fields such as administration, business, the media and social work. The LLB is also excellent preparation for work in a legal advisory capacity in the private or public sector.

The LLB offers all the subjects currently required for the entrance examinations to the legal professions (solicitors and barristers) in Ireland. Furthermore, by choosing certain subjects, students can also become eligible for exemptions in relation to entry to the legal professions in England and Wales. In addition, all students are required to take a core module designed to equip them with critical legal research, writing and presentation skills.

The programme is offered during daytime hours and may be taken over:

- Two years, full-time (120 credits);
- Three years, full-time (180 credits), wide range of optional modules;
- Four years, part-time (180 credits), wide range of optional modules;

The three-year and four-year versions of the programme give students the opportunity to tailor their studies to their own requirements, by choosing from a wide range of optional modules.

### Career Opportunities

Many of our graduates today run successful practices as solicitors or barristers. Other graduates have found employment and advanced their careers in a variety of areas, such as administration, financial services, business, the media and social work.

### Minimum Entry Requirements

The prerequisite for admission to the LLB Programme is an approved Level 8 degree in any discipline at Second Class Honours level or above. In certain circumstances, an approved professional qualification or experience may be accepted in lieu of a degree. Those holding a relevant practical law degree or who have studied law modules at third level may be granted appropriate exemptions.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/llb](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/llb)



### PROGRAMMES AVAILABLE: LLB

**DURATION:** 2 years, full-time; 3 years, full-time, which may be extended to 4 years, part-time (daytime classes only)

**AVERAGE INTAKE:** 20

**COURSE INSTANCE(S):** 1BOL2, 2 years; 1BL1, 3 years; 1BL2, 4 years

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Rónán Kennedy  
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### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Provides a route to qualifying as a lawyer for graduates from any discipline.
- 2.** Students who choose the three- or four-year option can develop their own personal programme of study, choosing from a wide range of modules taught by acknowledged experts in their fields.
- 3. Flexibility:** Students may take the programme over two, three or four years, which will facilitate students' responsibilities at work and at home.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# LLM (General)

## Your Course

The LLM (General) is one of a suite of LLM programmes offered by the School of Law at University of Galway. This LLM can be taken on a full-time basis over one year or part-time over two years. It is a taught programme designed to give students complete flexibility in their selection of modules and topic for their minor thesis. The LLM (General) programme allows students to select modules to suit their own interests and facilitate their specific career objectives. Students can select modules from the full range available for taught LLM programmes offered within the School of Law, the Irish Centre for Human Rights and the Centre for Disability Law and Policy. This programme is designed for students seeking an advanced postgraduate degree but who do not wish to specialise in a particular area of law.

## Career Opportunities

The LLM (General) is of particular interest to students who wish to gain expertise in a specific area of law without having to limit their options. Rather than have to take set modules, students have the flexibility to tailor the programme for the particular area of law that they wish to work in and thus enhance their employability. The School of Law runs a programme of careers events annually, including a Careers in Law Week, which gives students the opportunity to meet partners from leading law firms and attend interview skills workshops. All modules are taught by experts in the field who will also be in a position to guide students toward opportunities that may arise for further research, internships or roles that may be of interest to them.

## Minimum Entry Requirements

The criteria for admission to this programme are as follows:

- An approved Second Class Honours Degree, Grade 1 (2.1, Level 8) in law, or an inter-disciplinary degree in which law was a major component;
- Applicants awarded a Graduate Diploma in Law may be considered but will be admitted only if they demonstrate a strong academic performance in both the undergraduate degree and diploma;
- In exceptional circumstances, an applicant holding a degree in another discipline or a degree of less than an approved Second Class Honours, Grade 1 (2.1) standard may be considered if they have relevant professional experience in law.

All applicants whose first language is not English must present one of the following qualifications in the English language: IELTS (6.5 overall), TOEFL (8) or Pearson PTE (61).

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/llm-general.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/llm-general.html)

**PROGRAMMES AVAILABLE:** LLM

**DURATION:** 1 year, full-time;  
2 years, part-time

**AVERAGE INTAKE:** 15

**COURSE INSTANCE(S):** ML28,  
full-time; ML29, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE

1. This programme allows students to 'build their own master's'.
2. Access to any modules across the Law School, the Irish Centre for Human Rights, and the Centre for Disability Law and Policy.
3. Students can tailor their studies to meet their future career plans.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Graduate Profile

"I completed the BA and LLB at University of Galway and trained as a solicitor before returning to University of Galway to study the LLM in International Human Rights. Completing the LLM in International Human Rights completely changed my outlook on legal practice and how I wanted to contribute as a lawyer. Through the Irish Centre for Human Rights partnership with Global Legal Action Network (GLAN), I secured a legal research placement working on business-related human rights abuses. I also had the opportunity to participate in the Human Rights Law Clinic module where I worked on the 'My Data Rights' project, an online resource to help survivors of historical and institutional abuses in Ireland use the GDPR to access their personal data. I'm extremely grateful to the Irish Centre for Human Rights and University of Galway School of Law for the generous support of the staff and community who afforded me so many opportunities during the LLM and have truly helped to shape my legal career. The knowledge and skills I gained in the LLM no doubt helped me to secure my current role as a Data Rights Lawyer at AWO, where I advise clients on a wide range of data and privacy issues."

## Cassie Roddy-Mullineaux

LLB (Bachelor of Laws) and LLM  
(International Human Rights) Graduate

Law Student of the Year at the Irish Law  
Awards 2021



## The College of Medicine, Nursing and Health Sciences is a modern and distinguished College with three Schools—Medicine, Nursing and Midwifery, and Health Sciences.

The college has a broad offering of postgraduate programmes with over 40 different options to help you enhance your specialisms and advance your career.

The college has a vibrant research community with strategic research priorities that respond to the needs of some of the greatest health challenges facing society and the economy globally, including age-related conditions, cancer, chronic diseases, infection and mental health.

There is a strong focus at the college on putting the patient at the centre of all health and social care research and education, with a belief that patients and the public bring an authentic perspective to research at the college.

The college has one of Ireland's largest portfolio of Medicine, Nursing and Health Sciences postgraduate programmes, offering many unique and renowned programmes, open to applicants from various backgrounds.


In recent years, in partnership with the National Institute for Preventive and Cardiovascular Health (NIPC), the college has developed a globally unique portfolio of programmes for training and education in the prevention and control of heart disease, stroke, diabetes and obesity, delivered from NIPC by global specialists and open to applicants from a range of backgrounds.

Postgraduate teaching spans several locations with the latest modern facilities, including:

- a newly opened Human Biology Building
- a modern, purpose-built Nursing and Health Sciences facility
- Biosciences Building
- Clinical Science Institute located on Galway University Hospital grounds (only minutes from the main university campus)
- Lambe Institute for Translational Medicine
- HRB Clinical Research Facility.

This allows for integrated research, innovation and teaching and creates a culture of collaboration with patient care at the focus. Our historic, close partnership with the Saolta Hospital Group creates many opportunities for students, including device development, clinical discovery, and practice and application.

Our postgraduate programmes are delivered by research active international leaders and our curricula are developed in response to the growing need for advanced education, research, clinical practice, and training.

A group of healthcare students in blue scrubs, with a woman in the foreground smiling and gesturing.

# College of Medicine, Nursing & Health Sciences

# Programmes

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## **School of Health Sciences**

- 158 Advanced Healthcare Practice & Research
- 159 Applied Multilingualism
- 160 Childhood Speech, Language and Communication Needs
- 161 Health Promotion (Cardiovascular Health & Type 2 Diabetes Prevention)
- 162 Health Promotion (Workplace Wellness)
- 163 Health Promotion
- 164 Mental Health Promotion

## **School of Medicine**

- 165 Cellular Manufacturing & Therapy
- 166 Cheminformatics and Toxicology
- 167 Clinical Education
- 168 Clinical Research
- 169 Exercise Physiology and its Application in Therapy
- 170 Exercise Physiology and Rehabilitation
- 171 Healthcare Simulation and Patient Safety
- 172 Interventional Cardiovascular Medicine
- 174 Multidisciplinary Radiology
- Preventive Medicine and Cardiovascular Health Suite*
  - 175 Cardiac Rehabilitation (PgCert)
  - 176 Cardiovascular and Pulmonary Rehabilitation (MSc)

- 177 Diabetes (MSc)
- 178 Diabetes (Professional Credit Award)
- 179 Obesity (MSc)
- 180 Preventive Cardiology (MSc)
- 181 Regenerative Medicine
- 182 Surgery

## **School of Nursing & Midwifery**

- 183 Nursing: Acute Medicine
- 184 Midwifery: Advanced Practice Midwifery
- 185 Nursing: Advanced Practice Nursing
- 186 Nursing: Children's Palliative Care/Complex Care
- 187 Nursing: Diabetes
- 188 Nursing: Education
- 189 Nursing: Emergency Care
- 190 Nursing: Gerontology
- 191 Nursing: Midwifery
- 192 Nursing: Intensive Care
- 194 Nursing: Nurse/Midwife Prescribing
- 195 Nursing Education
- 196 Nursing: Obesity
- 197 Nursing: Oncology and Haematology
- 198 Nursing: Perioperative
- 199 Nursing: Public Health Nursing
- 200 Wound Healing and Tissue Repair







A range of full-time and part-time research options (master's and PhD) are also available.

Please see page 297 for research programme listings or visit: [www.universityofgalway.ie/courses/research-postgraduate-programmes/phd-and-masters/#ColMed](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/phd-and-masters/#ColMed) and/or

[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/#ColMed](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/#ColMed)



The School of Health Sciences received a Bronze Athena SWAN award in 2022.



The School of Nursing at University of Galway is ranked in the top 150 QS World Rankings. It also received a Bronze Athena SWAN award in 2021.



The School of Medicine was the first school of Medicine to be awarded an Athena SWAN Bronze award in the Republic of Ireland in 2017, and successfully renewed their Athena SWAN Bronze award in 2021.





# Advanced Healthcare Practice & Research

## Your Course

This MSc aims to develop your capacity to take a leadership role in relation to teaching healthcare students. The programme will empower participants to become competent and self-directed clinical educators, and will provide opportunities to advance their skills in teaching, assessment and research in the clinical context.

Students will become skilled role models in the implementation of high-quality educational environments to enhance practice for educators, students and clients.

Participants will also increase their capacity to conduct research in their chosen clinical field of specialism; there is an increased emphasis on evidence-based practice within healthcare professions. The aims of this MSc are to develop learners with the knowledge, skills, and attitudes to use and contribute to evidence-based practice and to enable them to take a leadership role in designing and implementing research to support best practice.

## Career Opportunities

On completion of this MSc, you will be well positioned to pursue senior, specialist and managerial posts within the Health Services Executive and voluntary agencies. You may also choose to pursue opportunities in academic teaching. The interdisciplinary learning environment will equip you with new and innovative ways of working in our challenging healthcare system.

## Minimum Entry Requirements

Hold a degree in a professional healthcare course (minimum Second Class Honours degree required). Applicants must be able to register with their appropriate professional or regulatory body.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-healthcare-practice-research.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-healthcare-practice-research.html)

### PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MTH1,  
full-time; 1MTH2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 31 July 2023



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. You will learn to critically appraise, design and implement evidence-based clinical teaching approaches and methods.
2. You will become skilled at assessment methodology and will understand its impact on the learner and the learning environment.
3. You will critically appraise, design and manage a piece of semi-independent research.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Applied Multilingualism

## Your Course

Ireland, a state that has three official languages (Irish, English and Irish Sign Language) and includes over 80 other languages, is an excellent environment to host the MSc in Applied Multilingualism. Galway is situated close to the largest Gaeltacht (Irish-speaking) area in the country and has also been identified as Ireland's most diverse city. The MSc in Applied Multilingualism will provide educated professionals to support this diversity while at the same time, the multilingualism of the city and its hinterland will provide many opportunities for case studies and research projects. The course will equip students with a range of practical skills preparing them for careers in different multilingual contexts as well as develop awareness of and sensitivity to multilingual settings. The MSc in Applied Multilingualism is delivered through blended learning, requiring students to be present on campus for a small number of days each semester. Further opportunities for on-campus engagement will be provided through the Centre for Applied Linguistics and Multilingualism (CALM) ([mooreinstitute.ie/research-centre/centre-for-applied-linguistics-and-multilingualism-calm](http://mooreinstitute.ie/research-centre/centre-for-applied-linguistics-and-multilingualism-calm)). The course is aimed at Irish and global students alike, and successful applicants are encouraged to draw on their own experience of multilingualism. The MSc in Applied Multilingualism is also a gateway to doctoral research on this topic.

## Career Opportunities

Increasingly multilingual societies are creating demand for professionals in the fields of health, education, and public administration and in NGOs who are equipped to work with multilingual populations. Furthermore, improving language skills is relevant for those intending to seek employment in the areas of language planning and policy, language teaching, cultural and heritage institutions, government, and diplomacy.

## Minimum Entry Requirements

Applicants will be expected to possess a good quality undergraduate degree at NFQ Level 8 (at least an upper Second Class Honours degree), or an equivalent qualification from Arts programmes (e.g., languages, education, psychology, sociology and political science, geography) or from medical, nursing, and healthcare programmes (e.g., speech and language therapists, occupational therapists, public health nurses). Applicants intending to take modules in advanced language skills will have to possess language proficiency that is equivalent to B2 level according to the Common European Framework of Reference for Languages. International applicants are required to fulfill the English language requirements outlined on page 319.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/applied-multilingualism.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/applied-multilingualism.html)

## PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time;  
2 years, part-time.

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** AML1, full-time; AML2, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

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Dr John Walsh

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**T:** +353 91 492 563



## 3 GOOD REASONS TO STUDY THIS COURSE

1. Increasing awareness of and sensitivity to cultural and linguistic diversity.
2. Developing a skill set that includes critical thinking, innovation, self-reflection, flexibility, team work, life-long learning, and problem-solving.
3. Job opportunities in diverse and/or international settings.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Childhood Speech, Language and Communication Needs

## Your Course

The aim of this MSc in Childhood Speech, Language, and Communication Needs (SLCN) is to provide a critical and conceptually sophisticated understanding of children with SLCN and the contexts of their lives. This programme has been designed to meet the needs of those who need to keep up to date with the emerging evidence base when working with children with SLCN in the clinic, classroom, creche and community. Our flexible blended-learning approach is designed to support you as a learner with many competing demands on your time. Course activities and skills training enable you to apply new knowledge and skills directly in the clinic, classroom, crèche and community. Our applicants come from a wide range of disciplines, such as law, social care, arts, education, healthcare, and early childhood education.

## Career Opportunities

With our interprofessional MSc, you are gaining specialist knowledge of working with children with SLCN. You can then apply this knowledge in your specific professional context and future career.

## Minimum Entry Requirements

Primary degree with at least Second Class Honours or an equivalent qualification.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/childhood-speech-language-communication-needs.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/childhood-speech-language-communication-needs.html)

*“The mix of professions in the class cohort provided great opportunities for discovering other perspectives and learning from each other. The learning from the course has given me a new found confidence in supporting all children and families in my Montessori School.”*

**Tara**, Montessori School Owner and Manager

*“The flexible, blended learning style allowed me to apply what I was learning to clinical practice. The topics covered throughout the course equipped me with the skills necessary for working with children and families within Ireland’s ever growing culturally diverse population.”*

**Brid**, Speech & Language Therapist

*“It’s another string to your bow and makes you stand out from the crowd.”*

**Aoife**, Primary School Teacher

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MLN1,  
full-time; 1MLN2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 15 August 2023



### CONTACT

Dr Clare Carroll

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**T:** +353 91 495 018



## 3 GOOD REASONS TO STUDY THIS COURSE

1. This course will suit a health, education or social care professional, or someone who is interested in childhood communication impairments.
2. You will learn how you can engage, support, educate and help children with SLCN (aged from birth to 18 years) in the clinic, classroom, creche and community.
3. You will learn how to facilitate the child with SLCN to participate in various contexts, and realise their full potential for communication and you will complete a piece of semi-independent research.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Health Promotion (Cardiovascular Health & Type 2 Diabetes Prevention)

## Your Course

The Postgraduate Certificate in Health Promotion offers students a unique opportunity to further their knowledge of cardiovascular health and 'Type 2' Diabetes prevention. The programme has been developed in partnership with Croi, the West of Ireland Cardiology Foundation, the Irish Heart Foundation and Diabetes Ireland. It is particularly suited to health professionals working in nursing, public health, pharmacy, physiotherapy, medicine, and the health and weight loss industries.

Designed for healthcare professionals, the programme equips students with an in-depth understanding of how to critically assess the evidence base, understand national and international approaches to the promotion of cardiovascular health and the prevention of diabetes, and appreciate the role of advocacy in influencing health and environmental (public) policies. Course participants will gain skills and competencies for effective implementation of health promotion interventions and in project management. This is a blended learning programme with the online delivery of course material for self-directed learning accompanied by on-campus, face-to-face workshops, delivered at University of Galway one day per month.

Support and guidance is provided to all students in order to optimise utilisation and engagement with online learning platforms.

## Career Opportunities

The communication and facilitation skills taught on the course have been highlighted by previous students as being a particularly important element of the course, as well as the skills learned in planning, designing, implementing and evaluating a health promotion programme. Some of our past students work in national organisations such as the Irish Heart Foundation and Diabetes Ireland. Previous students of this course with healthcare qualifications have found it broadened their understanding of the of socio-ecological determinants of health, and as such has informed the approach they took to tackling noncommunicable diseases in the workplace and community.

## Minimum Entry Requirements

Entry requirement is a primary degree; each applicant is assessed individually on relevant professional experience, level of motivation and suitability as per the personal statement submitted in the online application.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/cardiovascular-health-diabetes-prevention.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/cardiovascular-health-diabetes-prevention.html)

### PROGRAMMES AVAILABLE:

Postgraduate Certificate

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1PCV1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### CLOSING DATE:

31 August 2023, subject to a prescribed minimum registering. Applications will close earlier if the course is oversubscribed with suitably qualified applicants.

### CONTACT

Denise Glavin

**T:** +353 91 493 092

**E:** [denise.glavin@universityofgalway.ie](mailto:denise.glavin@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** You have an interest in how societal and lifestyle factors can impact on the healthy of the individual.
- 2.** You would like to gain the knowledge and skills to influence behaviour change at the individual and population level.
- 3.** This Level 9 course is particularly suited to individuals who work full-time and would like to increase their knowledge of and skills in the effective implementation of health promotion interventions.

### Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Health Promotion (Workplace Wellness)

## Your Course

This Postgraduate Certificate is suitable for a variety of professions and settings. It is particularly suited to those working in health promotion, human resources, management, public health, nursing, occupational health and safety, and the ever growing corporate wellness industry.

It is a blended learning programme, with a combination of teaching techniques employed to support learning. This includes participatory workshops, project work, and self-paced learning using instructional materials, as well as other resources such as articles, websites and research reports. The workshops take place at the University of Galway campus. The programme includes a practical assignment in which students are guided through the process of designing an intervention in the area of workplace health promotion, relevant to their place of work or interest area.

The programme is delivered through a blend of online and face-to-face contact. Some on-campus attendance is expected from students. Support and guidance is provided to all students in order to optimise utilisation and engagement with online learning platforms.

## Career Opportunities

Workplace wellness is an area that is becoming more prevalent and topical in Ireland at present, as reflected in a national by the Department of Health under the Healthy Ireland Framework.

The Discipline of Health Promotion at University of Galway is being contacted by public and private companies who see the importance of upskilling and training their staff in this area to become workplace wellness leaders and managers in their organisations.

Students on the course come from a wide range of academic backgrounds and professions including nursing, physiotherapy, HSE management, pharmacy, prison services, CSO, private organisations such as insurance and health and fitness as well as health promotion.

## Minimum Entry Requirements

Entry requirement is a primary degree; each applicant is assessed individually on relevant professional experience, level of motivation and suitability as per the personal statement submitted in the online application

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/health-promotion-workplace-wellness.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/health-promotion-workplace-wellness.html)

### PROGRAMMES AVAILABLE:

Postgraduate Certificate

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1PWW1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### CLOSING DATE:

31 August 2023, subject to a prescribed minimum registering. This date will close earlier if the course is oversubscribed with suitably qualified applicants.

### CONTACT

Denise Glavin

**T:** +353 91 493 092

**E:** [denise.glavin@universityofgalway.ie](mailto:denise.glavin@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



1. You have an interest in health and wellness in the workplace.
2. You would like to update knowledge and skills in the health area.
3. You would like to gain the knowledge and skills to influence behaviour change at the individual and population level.

### Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Health Promotion

## Your Course

The MA/PDip programme aims to provide you with professional education and training. The programme includes a work placement, facilitating the development of the core competencies of health promotion practice. The programme covers:

- Theoretical background in the concepts and principles of health promotion;
- Determinants of physical, mental and social well-being;
- Application of health promotion interventions across diverse population groups, topics and settings;
- Critical role of the research process in the development of knowledge and best practice in health promotion.

The MA incorporates the taught component of the PDip together with a minor dissertation based on original research. An optional European dimension module entails a placement in another EU member state. A full list of modules is on the course website. The programme is delivered through a blend of online and face-to-face contact. Some on-campus attendance is expected from students. Support and guidance is provided to all students in order to optimise utilisation and engagement with online learning platforms.

## Career Opportunities

A variety of career opportunities in Ireland and abroad exist for graduates of this International Union for Health Promotion and Education (IUHPE) accredited programme. Graduates are qualified to pursue a full-time career in health promotion or to incorporate health promotion principles into their work, especially those in the health and education sectors. Graduates are employed in statutory, voluntary, community and academic positions in a number of roles, including dedicated health promotion specialist posts.

## Minimum Entry Requirements

As Health Promotion is a multidisciplinary field, we consider applications from candidates with a primary degree from a related discipline. For the MA, the minimum entry requirement is a 2.1 on an honours degree programme. For the PDip, the minimum entry requirement is a primary degree at any level. The programme board evaluates each applicant's academic record and relevant professional experience and assesses the applicant's level of motivation and suitability from the personal statement submitted as part of the online application.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/health-promotion.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/health-promotion.html)

Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



**PROGRAMMES AVAILABLE:** MA, PDip

**DURATION:** 1 year, full-time; 2 years, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** MA: 1MMA1, full-time; 1MMA4, part-time; PDip: 1DHP1, full-time; 1DHP7, part-time

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316.

**GARDA VETTING/POLICE CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Margaret Hodgins  
**T:** +353 91 493 349  
**E:** [margaret.hodgins@universityofgalway.ie](mailto:margaret.hodgins@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

#### 1. Gain valuable experience:

As well as getting workplace experience, students have the opportunity to engage with international health promotion research projects, including the development of evidence-based policy and practice.

#### 2. Accredited programme:

Accredited by the International Union for Health Promotion and Education. Graduates can join the global voluntary register as Health Promotion Practitioners.

#### 3. Expert research staff:

Lecturing staff are involved in research in the Health Promotion Research Centre, a World Health Organisation Collaborating Centre.

# Mental Health Promotion

## Your Course

The Postgraduate Certificate in Mental Health Promotion is a part-time outreach programme (Level 9) that has been jointly developed by University of Galway and Mental Health Ireland. This programme is designed for professionals working in different sectors who wish to develop the knowledge, skills and competencies of mental health promotion and its implementation in practice. The programme's aim is to provide participants with professional education and training in the principles and practice of promoting positive mental health and well-being. Course participants will acquire an understanding of the concepts, principles and evidence base for mental health promotion and the practical implementation of mental health promotion interventions from a national and international perspective. Programme delivery is through blended learning with online course materials for self-study accompanied by face-to-face instruction through lectures and workshops, with students attending one day per month throughout the academic year. On-site delivery will be offered at the University of Galway campus. This programme is open to those working in a professional capacity in areas such as mental health, health promotion, public health, primary care, education, community work, nursing, social work, psychology and allied fields.

The programme is delivered through a blend of online and face-to-face contact. Some on-campus attendance is expected from students. Support and guidance is provided to all students in order to optimise utilisation and engagement with online learning platforms.

## Career Opportunities

Graduates will work in a broad range of professional sectors to incorporate mental health promotion into their practice, equipping them with the necessary knowledge and skills to implement evidence-based mental health promotion actions. The learning from this programme will support professional development and workforce capacity in mental health promotion, positioning graduates to advance their role in this field and re-orientate their practice to support the promotion of population mental health and well-being.

## Minimum Entry Requirements

Entry requirement is a primary degree; each applicant is assessed individually on relevant professional experience, level of motivation and suitability as per the personal statement submitted in the online application.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/mental-health-promotion.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/mental-health-promotion.html)

### PROGRAMMES AVAILABLE:

Postgraduate Certificate

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 20–25

**COURSE INSTANCE(S):** 1PHM1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### CLOSING DATE:

31 August 2023, subject to a prescribed minimum registering. Applications will close earlier if the course is oversubscribed with suitably qualified applicants.



### CONTACT

Denise Glavin

**T:** +353 91 493 092

**E:** [denise.glavin@universityofgalway.ie](mailto:denise.glavin@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. You wish to develop your knowledge, skills and competencies in mental health promotion and its implementation in practice.
2. You are interested in expanding your understanding of the concepts and determinants of positive mental health and the promotion of mental health equity and well-being.
3. You wish to incorporate in your work, the principles of best practices in implementing mental health promotion, based on current international and national research on evidence-based practice and policy.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Cellular Manufacturing & Therapy

## Your Course

The clinical-grade production of advanced medicinal therapeutics, such as cellular therapy, is quickly evolving as the future of medicine. These therapeutics utilise immune cells, mesenchymal progenitor cells or induced pluripotent stem cells to treat injured or diseased tissues. The MSc in Cellular Manufacturing and Therapy will provide scientific and practical training in the production of these cells as therapeutics for clinical application. This programme is uniquely positioned at University of Galway to draw on existing expertise in science education, biomedical research, Good Manufacturing Practice (GMP), grade cellular manufacturing, and clinical translation of advanced therapeutics to educate future leaders in these emerging technologies. With the support and expertise located within the Centre for Cell Manufacturing Ireland (CCMI), the Clinical Research Facility, the Translational Research Facility, the Regenerative Medicine Institute and the Galway Blood and Tissue Establishment, our students will have access to an internationally competitive MSc programme in Cellular Manufacturing and Therapy.

## Career Opportunities

Graduates will be well positioned for careers in advanced medicinal therapy development and manufacturing, biotechnology, and biopharmaceutical manufacturing in academic, regulatory or industrial settings.

## Minimum Entry Requirements

Students must have completed either:

- An undergraduate degree in medicine, pharmacy, manufacturing, biology or engineering; or
- An equivalent biomedical science related undergraduate degree with a minimum of Second Class Honours. Students who have a degree without honours in a related area and have more than three years of practical experience in the subject area will also be considered for this programme.

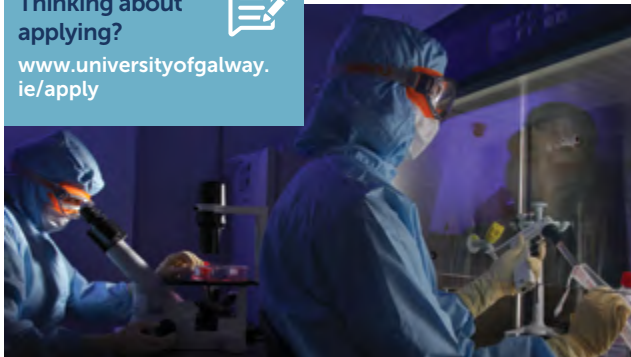
Students with English as a second language, will need to adhere to University of Galway guidelines regarding IELTS scores.

## FIND OUT MORE AT:

[www.universityofgalway.ie/cellular-manufacturing-therapy](http://www.universityofgalway.ie/cellular-manufacturing-therapy)

Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



## PROGRAMMES AVAILABLE:

MSc (full-time & part-time), PDip (full-time & part-time), PgCert (part-time)

**DURATION:** 1 year, full-time; 2 years, part-time

**NUMBER OF PLACES:** 15–18

**COURSE INSTANCE(S):** 1CMT1, 1CMT2, 1CMT3, 1CMT4 & 1CMT6

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

## CONTACT

Cynthia Coleman

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## 3 GOOD REASONS TO STUDY THIS COURSE



**1.** Lecture-based and hands-on instruction in GMP, grade cell manufacturing, key advancing technologies and the regulatory process.

**2.** Modules in the therapeutic application of mesenchymal stromal cells, immune-therapy and induced pluripotent stem cells as the future of ATMPs.

**3.** Tutoring from experts in the CCMI, professors coordinating international clinical trials and scientists actively researching the application of cells as biotherapeutics.





# Cheminformatics and Toxicology

## Your Course

### Semester 1

Students learn the fundamentals of pharmacology and toxicology and are introduced to computational drug design, programming for biology and statistical computing in R.

### Semester 2

Students consider more advanced concepts in toxicology and investigate controversial areas of toxicology. The students also learn to apply bioinformatic and cheminformatic tools to large data sets.

### Semester 3

Students work independently with the guidance of an academic or industry-based thesis supervisor on a cheminformatics research project.

The course involves lectures, laboratory-based training, self-directed learning and a three-month independent research project. Competence is assessed through a mixture of written examinations, computer-based examinations, course work and a research thesis.

## Career Opportunities

Graduates from the course will be employed in the pharmaceutical industry, the cosmetics industry, national and EU regulatory bodies, toxicology consultancies, and academia.

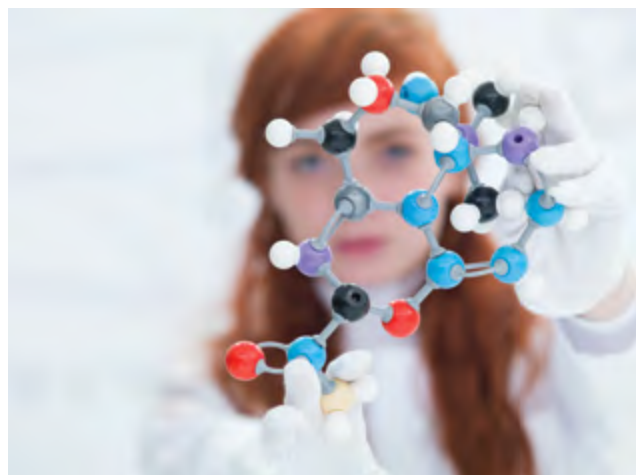
## Minimum Entry Requirements

Primary degree: A 2.2 degree or higher (or equivalent) in Chemistry, Pharmacology, Biochemistry or a related discipline.

Language skills: An IELTS score of 6.5 or greater in all categories is required.

### FIND OUT MORE AT:

[www.universityofgalway.ie/cheminformaticsandtoxicology](http://www.universityofgalway.ie/cheminformaticsandtoxicology)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 6

**COURSE INSTANCE(S):** 1CIT1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Howard Fearnhead

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. This course trains you to work in the pharmaceutical industry and regulatory sector tasked and allows you to contribute to building a chemically safe society.
2. The course will provide you with the computational skills required to predict toxicity at a time when there are too few toxicologists with these skills.
3. Opportunities to develop professional relationships with our partners in industry and the European Food Safety Agency.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Clinical Education

## Your Course

This is the first clinical education course of its type in Ireland. It equips a range of health professionals with the knowledge and skills required for effective clinical education and enables them to become clinical supervisors and motivators of student learning. Although much health professional education takes place in clinical settings, few clinicians receive the formal training in educational techniques and principles of adult learning provided by this course.

The courses are delivered mostly by distance learning, with some face-to-face workshops in Galway as follows:

- **PDip:** eight days (two consecutive weekdays in September and six Saturdays between October and June).
- **Master's:** ten days (two consecutive weekdays in each of September, October, November, February and April).

## Career Opportunities

Our clinical education focus leads to major changes in your ability to facilitate the learning and development of your students in clinical settings. You will know more about how learners learn, how to create safe and effective learning environments, how to assess learners and how to support their professional development.

## Minimum Entry Requirements

Applicants must be registered healthcare professionals with at least two years' post-registration experience and be actively involved in clinical education. General computer literacy is essential as parts of the programme are delivered via distance learning. In addition, for the master's, at least 60% in the PDip in Clinical Education or equivalent is required. Selection is based on ability/opportunity to apply learning to your daily work, relevant experience and academic record.

## FIND OUT MORE AT:

[www.universityofgalway.ie/clinicaleducation](http://www.universityofgalway.ie/clinicaleducation)



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



## PROGRAMMES AVAILABLE:

Master's/PDip, Health Sciences. Stand-alone modules in Clinical Teaching Methodologies and Foundations of Assessment in Clinical Education available.

**DURATION:** 1 year, full-time (Master's/PDip); 2 years, part-time (PDip); 6 weeks (stand-alone module). All are suitable for those in full-time employment (including courses described as full-time).

## NUMBER OF PLACES:

Master's, 10; combined PDip/stand-alone module, 40.

**COURSE INSTANCE(S):** Master's: 1CED1; PDip, 1 year, 1CED9; PDip 2 years; CPDM4, 1CED10; stand-alone modules.

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



## CONTACT

Dr Aoife Jackson

T: +353 91 492 262

E: [postgradhealth@universityofgalway.ie](mailto:postgradhealth@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

**1.** These courses help you create new pedagogical approaches and improve the clinical education experience for learners.

**2. Flexible learning:** The combination of distance learning and face-to-face workshops allows you to engage in learning at a time and place that suits your lifestyle.

**3.** The course is recognised for continuing professional development and education by healthcare profession colleges and regulatory organisations.

# Clinical Research

## Your Course

This course provides training for the next generation of healthcare workers in the clinical research arena. The course aims to provide a platform for achieving greater efficiencies in applying medical discoveries to clinical practice. It is aimed at qualified individuals who wish to become independent clinical investigators or those who wish to seek employment in leadership positions in clinical research teams.

Each on-site module (see the full list on the course website) includes a structured curriculum of weekly lectures and tutorials (problem-based learning). For modules provided by distance learning, there will also be monthly sessions to monitor module progression and review any challenging content areas. Classes may also take place outside of office hours to accommodate those in full-time employment.

## Career Opportunities

Clinical Research graduates are expected to progress to become principal investigators or administrators in the conduct, managing and monitoring of clinical research. Such roles have become a prominent source of jobs in a variety of settings, including universities and colleges, the pharmaceutical industry, non-academic clinical research organisations, hospitals, independent funding agencies and government agencies. Additional opportunities include employment in teaching and consultation settings.

## Minimum Entry Requirements

Students must have completed either: 1) undergraduate degree in medicine; 2) other healthcare-related undergraduate degree, minimum Second Class Honours, Grade 2.1\*; or 3) Biomedical Sciences, minimum Second Class Honours, Grade 2.1\*. Applications from graduates of non-healthcare-related degrees are also considered (minimum requirement of Second Class Honours, Grade 2.1\*) on a case-by-case basis. Applicants with significant relevant experience will also be considered for this programme.

*\*Or equivalent international qualification.*

## FIND OUT MORE AT:

[www.universityofgalway.ie/clinicalresearch](http://www.universityofgalway.ie/clinicalresearch)



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time;  
2 years, part-time.

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MCR1, full-time; 1MCR2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 26 May 2023.

Offers will be made on a continuous basis up until that date.



### CONTACT

Professor Andrew Smyth  
HRB Clinical Research Facility

Dr Sonja Khan  
HRB Clinical Research Facility

**E:** [clinicalresearch@universityofgalway.ie](mailto:clinicalresearch@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

**1. Blended learning:** The course is delivered online with some face-to-face components, a flexible learning environment enabling you to study at a time and place that is convenient and suits your lifestyle.

**2. Course contributors:** It includes senior academics and medical professionals from University of Galway and Galway University Hospitals who are actively engaged in clinical research.

**3.** This master's programme is closely linked with the **HRB Clinical Research Facility** here in University of Galway. Teaching and learning supports available, aiming to increase students' knowledge and skills of effective implementation of health promotion interventions in the clinical research arena.



# Exercise Physiology and its Application in Therapy

## Your Course

This course will enable students to have a full and comprehensive understanding of the integrated physiologic responses to exercise, evaluation of fitness, and exercise prescription according to individual needs. Upon completion, students will be able to work in the emerging area of exercise physiology and exercise prescription for health and as therapy. The course on exercise physiology is focused on hands-on training, case-based studies and actual workplace experiences, which will prepare students for their future careers. With the knowledge and skills acquired, the students can then work as exercise specialists and provide exercise advice to clients, contributing to their health and well-being. The course is fully accredited by the Register of Exercise Professionals, Ireland, and students can also obtain a professional certificate from the American College of Sports Medicine.

## Career Opportunities

With the increasing number of people living with chronic illnesses, the demand for exercise physiologists capable of giving personal exercise advice that can improve the living standards of an individual is growing. Upon successful completion of this course students will be able to work in areas such as:

- Health clubs and related organisations;
- Public sports and recreation facilities;
- Local public health authorities;
- Schools, further education and higher education institutions;
- Other related health sectors.

## Minimum Entry Requirements

NFQ Level 8 (bachelor's degree) in Physiology, Biomedical Science, Undenominated Science, Biochemistry, Microbiology, Exercise Science, Nursing and Health Science, Physiotherapy, Podiatry, or any other related degree in biology.

### FIND OUT MORE AT:

[www.universityofgalway.ie/exercisephysiology](http://www.universityofgalway.ie/exercisephysiology)



### PROGRAMMES AVAILABLE:

MSc/PDip (exit route)

**DURATION:** 1 year, full-time;  
2 years, part-time (limited places)

**NUMBER OF PLACES:** 20–25

**COURSE INSTANCE(S):** 1EPT1,  
full-time; 1EPT2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



### CONTACT

Dr Ananya Gupta

**T:** +353 91 492 358

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## 3 GOOD REASONS TO STUDY THIS COURSE



*An exercise physiologist is a professional who uses exercise as a means of improving health and fitness among the general population as well as a therapeutic intervention in the management of chronic diseases and in rehabilitation.*

1. If you like to exercise.
2. If you enjoy caring for others.
3. If you like working in a healthcare setting or sports arena.

Then this course is for you.





# Exercise Physiology and Rehabilitation

## Your Course

The MSc in Exercise Physiology and Rehabilitation will provide knowledge and skill sets required for exercise prescription in a clinical setting. Physical interventions consisting of personalised exercise is a crucial component of rehabilitation programs for people recovering from chronic disorders and musculoskeletal injury. These interventions when tailored to the individuals' current physical fitness can help to reduce the symptoms of disease and improve their physical function and quality of life. Such physical interventions also help to reduce the risks of developing further comorbidities.

This course will help qualified physiotherapists obtain specific skills in applying exercise physiology interventions in a clinical setting for rehabilitation of patients and obtain the compulsory CPD credits required for their professional development and progression.

This course is designed to provide qualified physiotherapists advanced knowledge and training in the development and application of exercise interventions in the rehabilitation of various chronic diseases. Students will develop an advanced knowledge of exercise physiology including in-depth understanding of physiological processes that occur during exercise. Students will understand how these changes are beneficial to improving health and fitness. Students will have a clear understanding of the methods of evaluation that can be used to assess these changes, to evaluate the fitness level and to plan and prescribe an exercise program that will be beneficial to the individual as a therapeutic intervention in certain chronic disease settings.

## Career Opportunities

Course syllabus is aligned to CORU recommendations in Ireland and American College of Sports Medicine (ACSM) Clinical Exercise Physiologist Qualification. Upon completion students will be able to obtain CPD points. Students will also be eligible for Clinical Exercise Physiologist certification from ACSM. Global students with an appropriate undergraduate degree in Physiotherapy will be able to apply for registration in Ireland. Upon completion of the course, students will receive appropriate professional qualification and recognition.

## Minimum Entry Requirements

Level 8 bachelor's degree, or equivalent, in Physiotherapy, Physical Therapy or Occupational Therapy, with a minimum score of 2.2.

Global students will need to obtain an IELTS score of 6.5.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/exercise-physiology-rehabilitation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/exercise-physiology-rehabilitation.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time; part-time option also available

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** EPT5

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Ananya Gupta

**T:** +353 91 492 358

**E:** [ananya.gupta@universityofgalway.ie](mailto:ananya.gupta@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



1. You will be provided with the skills to perform physiologic exercise tests to assess cardiovascular and respiratory health and neurological and musculoskeletal capabilities.
2. You will be given opportunities to apply your newly learned skills to provide tailored exercise programmes for patients suffering from chronic diseases including cardio-respiratory disorders, obesity, diabetes, neurological and musculoskeletal limitation, and cancer.
3. You will be provided with the skills to design and deliver personalised interventions for rehabilitation of patients suffering from chronic illness.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Healthcare Simulation and Patient Safety

## Your Course

If you are a healthcare provider, are involved in education and research or have an interest in patient safety, then this course will be important for you. Healthcare simulation is the modern way to educate healthcare providers and is now a central part of health professions, education. It encompasses manikin-based training, task trainers, simulated participants, and virtual/augmented reality trainers. By completing the diploma, you will learn how to use simulation in your own organisation. You will also learn how to use healthcare simulation for healthcare quality improvement. By completing the master's programme you will go on to learn how to use simulation for research.

## Career Opportunities

The main goal of the course is to develop expertise in design and implementation of healthcare simulation. This will allow you to become a leader in education and open up opportunities in senior academic posts within healthcare. For those with an interest in patient safety, you will gain expertise in human factors and how healthcare processes can be improved. If running a simulation centre, you will develop skills in stakeholder engagement and demonstrate a return on investment allowing you to progress to senior management positions within organisations.

## Minimum Entry Requirements

An honours bachelor's degree at NFQ Level 8 in a relevant healthcare discipline. Evidence of at least three years' equivalent academic/professional experience will be considered. Demonstrated interest in simulation important.

## FIND OUT MORE AT:

[www.universityofgalway.ie/healthcaresimulationandpatientsafety](http://www.universityofgalway.ie/healthcaresimulationandpatientsafety)  
OR  
[www.simulationmasters.com](http://www.simulationmasters.com)



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



## PROGRAMMES AVAILABLE:

MSc/PDipSc

**DURATION:** 24 months (MSc);

12 months (PDip)

**NUMBER OF PLACES:** 40

**COURSE INSTANCE(S):** MSc:

1HSP1, 1HSP3, PDipSc: 1HSP9

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible.



## CONTACT

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Professor Dara Byrne, FRCSI  
CHSE-A

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Ms Sylvia McDonagh

**T:** +353 91 493 227

**E:** sylvia.mcdonagh@universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The courses are delivered online allowing you to study at a time that is convenient and from any part of the world.
- 2.** You will be provided with the skills required to develop a strategic plan for simulation in a simulation facility or centre so that you can progress your career goals.
- 3.** The course is a unique combination of healthcare simulation and patient safety that includes research using healthcare simulation.



# Interventional Cardiovascular Medicine

## Your Course

The Master's in Interventional Cardiovascular Medicine will be attractive to clinical doctors who are interested in furthering their careers in interventional medicine. In addition, the course will be highly attractive to biomedical engineers in the research and development sector of the medical device industry. The programme will be delivered in collaboration with PCR ([www.pcronline.com](http://www.pcronline.com)). Core modules cover coronary artery disease (CAD), CAD treatments, structural heart disease, vascular intervention and medical device innovation.

## Career Opportunities

After successful completion of the master's programme, graduates will have a better understanding of the field of interventional medicine. Career opportunities will be enhanced depending on students' interest and background. Physicians are expected to obtain easier access to training programs in cardiology or interventional fellowship. Engineers can apply for better positions within the medtech sector.

The master's qualification will increase chances to be selected for PhD programmes.

## Minimum Entry Requirements

Applicants will be expected to possess a good quality undergraduate degree (at least an upper Second Class Honours standard 2.1 academic qualification).

## FIND OUT MORE AT:

[www.universityofgalway.ie/interventionalcardiovascularmedicine](http://www.universityofgalway.ie/interventionalcardiovascularmedicine)



## PROGRAMMES AVAILABLE:

Master's

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 25–50

**COURSE INSTANCE(S):** 1|CM1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

*Programme Directors*  
Professor Faisal Sharif  
Professor William Wyns

*Programme Lead*  
Dr Haroon Zafar

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Highest quality of education in the field of Interventional Cardiovascular Medicine.
2. Enhance understanding of diagnostics and interventional treatment for common cardiovascular diseases.
3. Focus on core competencies of clinical knowledge, clinical decision-making, research methodology, professionalism, and interpersonal skills.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Student Profile

A little about our students

"I completed an MSc in Exercise Physiology and its Application in Therapy in September 2021 and I graduated in April 2022. For my undergraduate degree I studied Physical Education and Mathematics Education in the University of Limerick. For me, the single biggest difference between my postgraduate and undergraduate study was the challenge of working in a more independent fashion. Although working independently was difficult at times, I enjoyed the challenge and my lecturers provided me with freedom to balance work commitments with study commitments. I chose University of Galway for its reputation for teaching and research excellence and innovation. Without a doubt I would recommend the MSc in Exercise Physiology to other students with a passion for exercise and helping others. I completed my MSc during the COVID-19 pandemic, and this allowed me to learn in a blended fashion. I personally enjoyed this method of learning. The lectures and tutorials were fantastically designed and taught, and this allowed me to learn in my own time. My lecturers were incredibly helpful and accessible, and this all contributed to a fantastic learning environment. My postgraduate course provided me with invaluable skills and qualities that I am now putting into practice in the workplace. I am delighted I chose University of Galway."

## Conor Hussey

MSc Exercise Physiology  
(see page 169)





# Multidisciplinary Radiology

## Your Course

Radiology is a vast and ever growing field within medicine that is evolving at a pace that is almost difficult to comprehend. It plays a major role within multidisciplinary team care provision with many specialists now dependent on radiological imaging for clinical decision-making. The MSc/PDip in Multidisciplinary Radiology is designed to meet this need. The programme is multidisciplinary in nature, with a fully integrated clinical and radiological approach to patient care both among faculty and learners. We have designed our modules with distance learning in mind. The traditional class-based educational activities are run in one-week blocks for each module. This means that a student will only be required to travel to campus for five weeks over the course of the academic year, or this will be spread over two years if doing the course part-time. Utilising contemporary distance learning online technologies, students can complete the remaining components of the module in their own time through self-directed learning while not present on campus.

## Career Opportunities

This programme is designed for clinicians who rely on imaging for decision-making, for whom a radiology qualification may offer new career progression routes, or for those who wish to further their individual knowledge, skills and research capabilities in the discipline of Radiology. The majority of graduates successfully entered national radiology training programmes in Ireland and the United Kingdom. Others used the programme to upskill either in specific areas (musculoskeletal, for instance) or to further their research careers in other disciplines.

## Minimum Entry Requirements

Applicants must hold a primary degree in medicine with a minimum of Second Class Honours degree, Grade 1 (NCQ level 8 or international equivalent). Competence in English language equivalent to IELTS 6.5 is required. Interviews may apply.

## FIND OUT MORE AT:

[www.universityofgalway.ie/multidisciplinaryradiology](http://www.universityofgalway.ie/multidisciplinaryradiology)



**PROGRAMMES AVAILABLE:** MSc/ PDip

**DURATION:** 1 year, full-time (MSc); 2 years, part-time (MSc); 1 year, full-time (PDip); 2 years, part-time (PDip)

**NUMBER OF PLACES:** 18–24

**COURSE INSTANCE(S):** 1MRY1, MSc, full-time; 1MRY2, MSc, part-time; 1MRY3, PDip, full-time; 1MRY4, PDip, part-time

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Alanna Stanley

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### 3 GOOD REASONS TO STUDY THIS COURSE

1. Enhance career prospects in Radiology (over 50% of our students enter a specialist radiology training scheme every year).
2. Blended course enabling students to adapt their learning to suit their schedule.
3. Instruction from clinicians from multiple specialities giving students an enhanced understanding of the role of radiology in multidisciplinary care provision.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Cardiac Rehabilitation

## Your Course

This postgraduate qualification is delivered in collaboration with the National Institute for Prevention and Cardiovascular Health and equips students with the knowledge and skills required to make meaningful contributions to cardiac rehabilitation practice. The course is delivered largely online (with a fully online option available) and is full time in-service, this allows students working in clinical practice to continue to do so, applying their learning directly to patient care.

The course addresses the latest evidence base, implementation of best-practice guidelines and healthcare policy, behavioural change strategies, lifestyle approaches to risk factor modification, psychosocial health and medical management of risk factors including hypertension, dyslipidaemia, diabetes mellitus, obesity and smoking. Outcome measures, health technology and innovation in service design also feature strongly to enable programme uptake and high-quality delivery.

The course commences each January and runs part-time from January to May of each year. Scheduled virtual tutorials and workshops take place typically 1–2 Thursday/Friday evenings (3–7pm) per month and 1 Saturday (9am–4pm) per month. In conjunction with this face-to-face virtual contact there are organised directed studies supported by a specially designed online learning platform.

The programme involves completion of four assessments; all in the form of essays or equivalent, e.g., written assignments, poster presentations, case reviews. There are no exams—coursework accounts for 100% of the assessment.

## Career Opportunities

There is an array of employment opportunities in public health, health promotion, healthcare management, academic and research settings and the pharmaceutical industry. Graduates of the course with a clinical background will also specifically benefit from career advancement in the specialty of cardiac rehabilitation as well as cardiovascular health more broadly.

## Minimum Entry Requirements

Successful applicants will possess at least a Second Class Honours, Grade 1 degree (or equivalent) in a healthcare discipline or related subject area (e.g., medicine, nursing, physiotherapy, dietetics, sport and exercise science, clinical or health psychology, pharmacy, health promotion, public health, etc.). For those who do not hold a primary degree at the required level, consideration will also be given to applicants with relevant work experience, background knowledge and skills.

Overseas students will need to satisfy the university's English language requirement of IELTS 6.5 or above (or equivalent).

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/cardiac-rehabilitation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/cardiac-rehabilitation.html)



## PROGRAMMES AVAILABLE:

PgCert

**DURATION:** 5 months, part-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1CRB1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 16 December 2023

## CONTACT

Dr Jennifer Jones  
Programme Director

**E:** [jennifer.jones@universityofgalway.ie](mailto:jennifer.jones@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



### 1. Flexible learning:

Delivered online using scheduled remote tutorials and workshops coupled with directed study, enabling students to simultaneously maintain professional roles in clinical practice or manage other commitments while completing their studies.

### 2. Delivered in partnership with the NIPC:

This partnership offers an exceptional opportunity for students to interact with leading experts as well as engage in cutting-edge research and further opportunities in cardiovascular disease prevention and rehabilitation.

### 3. Interdisciplinary expert teaching faculty:

Students from a variety of backgrounds from all over the world interact with international leaders and clinical specialists from cardiology, nursing, nutrition, exercise, behavioural medicine and public health.

Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Cardiovascular and Pulmonary Rehabilitation

## Your Course

This postgraduate qualification is delivered largely online (with a fully online option available) in collaboration with the National Institute for Prevention and Cardiovascular Health (NIPC) and equips students with the knowledge and skills required to make meaningful contributions to cardiovascular and pulmonary rehabilitation practice. The course addresses the latest evidence base, implementation of best-practice guidelines and healthcare policy, behavioural change strategies, lifestyle approaches to risk factor modification, psychosocial health, and medical management of risk factors including hypertension, dyslipidaemia, diabetes mellitus, obesity and smoking. Outcome measures, health technology and innovation in service design also feature strongly to enable programme uptake and high-quality delivery.

The course commences each September and runs as a full-time, in-service programme. This allows students working in clinical practice to continue to do so, applying their learning directly to patient care. Those not currently working in clinical practice are offered immersive opportunities within the NIPC. Scheduled virtual tutorials and workshops take place typically 1–2 Thursday/Friday evenings (3–7pm) per month and 1 Saturday (9am–4pm) per month. Overseas students residing in Ireland for their studies are required to participate full-time in person for the in-service taught component (Monday to Friday, 9am–5pm). This is delivered by the NIPC multidisciplinary faculty at the Croí Heart and Stroke Centre. In conjunction with this face-to-face virtual contact there are organised directed studies supported by a specially designed online learning platform.

## Career Opportunities

There is an array of employment opportunities in public health, health promotion, healthcare management, academic and research settings, and industry. Graduates of the course with a clinical background will also specifically benefit from career advancement in the specialities of cardiac and pulmonary rehabilitation and integrated care programmes more broadly.

## Minimum Entry Requirements

Successful applicants will possess at least a Second Class Honours, Grade 1 degree (or equivalent) in a healthcare discipline or related subject area (e.g., medicine, nursing, physiotherapy, dietetics, sport and exercise science, clinical or health psychology, pharmacy, health promotion, public health, etc.). For those who do not hold a primary degree at the required level, consideration will also be given to applicants with relevant work experience, background knowledge and skills. Overseas students will need to satisfy the university's English language requirement of IELTS 6.5 or above (or equivalent).

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/cardiovascular-pulmonary-rehabilitation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/cardiovascular-pulmonary-rehabilitation.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1CPR1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Jennifer Jones  
Programme Director

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## 3 GOOD REASONS TO STUDY THIS COURSE

### 1. Flexible learning:

Delivered largely online (with fully online options) using scheduled remote tutorials and workshops coupled with directed study, enabling students to simultaneously maintain professional roles in clinical practice or manage other commitments while completing their studies.

**2. Delivered in partnership with the NIPC:** This partnership offers an exceptional opportunity for students to interact with leading experts as well as engage in cutting-edge research.

**3. Interdisciplinary expert teaching faculty:** Students from a variety of backgrounds from all over the world interact with international leaders and clinical specialists from medicine, nursing, nutrition, exercise, behavioural medicine and public health.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Diabetes

## (Medicine)

### Your Course

Diabetes is a global health emergency with over 600 million people expected to have the condition by 2030, representing 10% of the world's population. Therefore the World Health Organisation has classed diabetes as an epidemic requiring urgent action for both prevention and management. It is a chronic metabolic condition that can cause significant cardiovascular morbidity and mortality if not managed correctly. Central to this management is controlling key physiological indices such as blood sugar, blood pressure and blood lipid levels, as well as promoting health behaviours such as regular exercise, healthy eating and not smoking.

This novel interdisciplinary programme is aimed at clinicians (physicians, dieticians, podiatrists, physiotherapists, pharmacists, psychologists, etc.) as well as life science and health promotion graduates who want to improve their knowledge of diabetes and skills in its management.

### Career Opportunities

Specialist training in diabetes at postgraduate level will demonstrate an academic commitment to diabetes care and research and therefore will allow the graduate to be competitive in pursuing future healthcare opportunities.

### Minimum Entry Requirements

Programme applicants must meet the following entry requirements: a Second Class Honours, Grade 1 degree in an appropriate degree programme.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/diabetes-medicine-msc-pdip.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/diabetes-medicine-msc-pdip.html)



### PROGRAMMES AVAILABLE:

MSc/PDip (exit award)

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 5

**COURSE INSTANCE(S):** 1DIA1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### GARDA VETTING/POLICE

**CLEARANCE:** Garda vetting/ police clearance is required for this programme. Please see page 313 for further information.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE

1. Improve knowledge of diabetes.
2. Improve skills in diabetes management.
3. Improve patient care.



### Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Diabetes

## (Professional Credit Award)

### Your Course

Diabetes is a continuous professional development course that has been designed for all healthcare professionals, including doctors and nurses, to help develop the knowledge and skills to manage diabetes mellitus effectively. This course helps the candidate develop the knowledge and confidence to deliver an effective management plan based on up-to-date resources and support from multi-professional specialists from the diabetic patient group in general practice. Emphasis will be placed on developing a structured system of care, which supports patients in successfully managing their diabetes and lifestyle. This course will be delivered by experts in diabetic care through online distance learning and workshops. We believe our graduates are competent in delivering a comprehensive management plan for their diabetic patients and improve the overall care of this patient group. Knowledge gained from this course also builds competence in the delivery and completion of the Chronic Disease Management Programmes in general practice.

This course consists of 10 online learning units supported by two online clinical workshop days. The workshops are specialised and a key component of each workshop are case-based discussions. The workshops include: Lifestyle and Diabetes; Obesity; The Diabetic Foot; Therapeutics in Diabetes; Monitoring Devices; Blood Pressure Management in Diabetes; Diabetic Emergencies; Insulin and Pumps; Behaviour Change in Chronic Diseases; Diabetes Cycle of Care; Practice IT System Support. With the introduction of the Diabetes Cycle of Care Contract, the burden of chronic disease management is now recognised and remunerated in general practice. This course has the main focus of upskilling healthcare practitioners already working in primary care and those who wish to transition to this area. Confidence in diagnosis and management of patients with diabetes or those at risk of diabetes improves diabetic patient care.

### Career Opportunities

We believe our graduates are competent in delivering a comprehensive management plan for their diabetic patients and improve the overall care of this patient group. The focus of the course has led to significant advances in practice in how participants deliver their care to their diabetic patient group in primary care. Such advances include the development of a diabetic register and a recall system, use of in-practice diabetic clinics and the use of audits to monitor and improve care. Support from local specialists in diabetes care in this course also establishes a good link between the general practitioner, the practice nurse and secondary care. This course is fully accredited for CPD and also includes the CPD requirement for an audit.

### Minimum Entry Requirements

Allied healthcare practitioners that are currently involved in the care of patients with diabetes including general practitioners, practice nurses, hospital based nurses, dietiticians and podiatrists.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/diabetes-professional-credit-award.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/diabetes-professional-credit-award.html)

### PROGRAMMES AVAILABLE:

Professional Credit Award

**DURATION:** 3 months, part-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1CPDM5

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### CLOSING DATE:

7 September 2023

### HOW TO APPLY:

See application information at:  
[www.universityofgalway.ie/medicine/postgrad/professional-credit-awards](http://www.universityofgalway.ie/medicine/postgrad/professional-credit-awards)



### CONTACT

Dr Eva Flynn

Programme Director

**E:** [eva.flynn@universityofgalway.ie](mailto:eva.flynn@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

1. Developing confidence in diagnosis and management of patients with diabetes or those at risk of diabetes improves diabetic patient care.
2. Upskilling in the management of diabetes for the healthcare practitioner already working in primary care and those that wish to transition to this area.
3. Maintaining excellence in the management of patients with diabetes and effective involvement in the Chronic Disease Management Programmes.

### Thinking about applying?



[www.universityofgalway.ie/medicine/postgrad/professional-credit-awards/](http://www.universityofgalway.ie/medicine/postgrad/professional-credit-awards/)



# Obesity

## Your Course

This newly established master's programme provides a broad and comprehensive curriculum that is clinically relevant and that also has a strong theoretical basis. Obesity is a major health problem, both for affected individuals and for society. There is a growing awareness of the need to provide effective treatments and prevention strategies. Our motivation in developing this programme at University of Galway is two-fold: first, to inform better, evidence-based, compassionate and dignified care to patients affected by obesity and related disorders and second, to inform better population level strategies to mitigate the obesity epidemic. This two-pronged approach is a strong theme throughout the programme, reflected in the two distinct obesity modules that form part of the core learning. Our students will develop in-depth knowledge of the various therapeutic strategies available to patients and will understand the factors underlying variations in the obesity phenotype. Students will also appreciate the potential benefits and disadvantages of various population-level strategies that can be formulated to address the obesity crisis and the societal, political and legislative challenges faced in deploying these.

## Career Opportunities

For doctors this programme will be an adjunct to specialist training (rather than an alternative to it). The appeal will be broad and will include general practice, cardiology, gastroenterology, endocrinology, public health and occupational health as well as surgery. The course offers a career development opportunity for public health nurses, midwives, and medical and surgical nurses within acute hospital-based bariatric teams, as well as nurses in primary care, particularly where large-scale deployment of structured lifestyle programmes within the community is likely with the newly established National Clinical Programme for Obesity. Similarly, psychology, dietetic, occupational therapy and physiotherapy graduates who will ultimately contribute to obesity multidisciplinary care will need advanced training in obesity. Managers within the health service, hospital groups, policymakers and industry stakeholders are also likely to enhance their career prospects through completion of this programme.

## Minimum Entry Requirements

Successful applicants will possess at least a Second Class Honours, Grade 1 (or equivalent) degree in an appropriate clinical or life science degree programme. However, for those who do not hold a primary degree at the required level, a special case can be made if they have demonstrated aptitude for the course material through at least three years of high quality work experience in an obesity-related field (relevant to their background). Candidates coming to Ireland from abroad or who do not have a degree from Ireland or the UK will be asked to provide evidence of an acceptable result in one of the recognised English language proficiency tests, e.g., IELTS total score of 6.5. All prospective candidates will be interviewed either by telephone or by Skype.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/obesity-msc.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/obesity-msc.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 5

**COURSE INSTANCE(S):** 1OBS1,  
full-time; 1OBS2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Professor Francis Finucane  
Programme Director  
**E:** [francis.finucane@universityofgalway.ie](mailto:francis.finucane@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Consolidate your understanding of the causes, complications and treatment of obesity with a flexibly structured course that will suit those based anywhere in Ireland.
- 2.** Study with other students and faculty from diverse academic backgrounds in medicine, nursing, sports science and dietetics as well as health policy, economics, marketing and philosophy.
- 3.** The research project offers an excellent opportunity for multidisciplinary collaboration and for peer-reviewed publication of your scientific work.

### Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Preventive Cardiology

## Your Course

The course aims to equip students with the knowledge and skills required to make meaningful contributions to preventive cardiology and cardiovascular rehabilitation. The taught modules address the development and practical use of cardiovascular disease risk estimation tools, implementation of healthcare policy, behavioural change strategies, lifestyle approaches to risk factor modification, and medical management of risk factors including hypertension, dyslipidaemia, diabetes mellitus, obesity and exposure to tobacco. The course is delivered largely online (with a fully online option available) and is full-time in-service, this allows students to simultaneously maintain professional roles in clinical practice or manage other commitments while completing their studies. Scheduled virtual tutorials take place typically 1–2 Thursday/Friday evenings (3–7pm) and 1 Saturday per month.

Overseas students residing in Ireland are required to participate full time in person for the in-service taught component (Monday to Friday, 9am–5pm). This is delivered by the NIPC multidisciplinary faculty at the Croi Heart and Stroke Centre.

## Career Opportunities

Graduates of the course will be positioned as leaders in cardiovascular disease prevention and will find ample opportunities to apply their learning across a variety of clinical settings in both primary and secondary care.

There will also be employment opportunities in public health, health promotion, healthcare management, academic and research settings, and industry. Clinician graduates will benefit from career advancement within their chosen disciplines. Master's students completing the 5,000-word 'ready-for-publication' dissertation will be supported in preparing their work for submission to a peer-reviewed journal, which will further augment their career prospects.

## Minimum Entry Requirements

Successful applicants will possess at least a Second Class Honours, Grade 1 in a relevant degree. For those who do not hold a primary degree at the required level, a special case will be made if they have demonstrated aptitude for the course material through at least three years of high-quality work experience in a relevant field of cardiovascular health.

Where English is not the first language, applicants will be asked to provide evidence of English language proficiency e.g., IELTS total score of 6.5 or greater.

## FIND OUT MORE AT:

[www.universityofgalway.ie/preventivecardiology](http://www.universityofgalway.ie/preventivecardiology)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MPY1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Jennifer Jones

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[preventivecardiology@universityofgalway.ie](mailto:preventivecardiology@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

### 1. Flexible learning:

Delivered largely online (with fully online options) using scheduled remote tutorials and workshops coupled with directed study, enabling students to simultaneously maintain professional roles in clinical practice or manage other commitments while completing their studies.

**2. Delivered in partnership with the NIPC:** Students have an array of opportunities to apply their learning to patient care at the Croi Heart and Stroke Centre in Galway.

**3. Interdisciplinary expert teaching faculty:** Students interact with a variety of esteemed teachers, including clinical specialists from cardiology, nursing, nutrition, exercise, behavioural medicine and public health.



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Regenerative Medicine

## Your Course

Regenerative Medicine is an exciting emerging discipline, which aims to develop novel therapeutics to repair and regenerate damaged and diseased organs. These therapeutics utilise stem cells, gene therapy, biomaterials, engineered tissue and biologically active compounds. This 12-month, taught MSc course will equip you with the skills to participate in this discipline. Modules will address the science behind regenerative medicine as well as its application to human disease.

The first two semesters will consist of modules (see details of these on the course website) covering the scientific principles of stem cells, gene therapy, tissue engineering and immunology. Training in scientific concepts and techniques important to biomedical research takes place via a series of laboratory-based practical sessions. The regulatory issues involved in translating research observation to an approved treatment for patients will be a focus throughout the course. During the summer semester, students embark on individual, laboratory-based research projects or industrial placements.

## Career Opportunities

Graduates of this course have found employment in biomedical device and biotechnology companies and clinical research organisations in Ireland and abroad. Many course graduates have obtained PhD studentships in Ireland, the UK, and throughout Europe, Canada and the US. Some graduates have gone on to study medicine, and graduates with clinical backgrounds have progressed to clinical fellowships.

## Minimum Entry Requirements

Applicants should have, or should expect to obtain, at least a Second Class Honours degree in a biological/life science subject or medicine. Students who have a degree without honours in a related area and have three or more years of practical experience in the subject area will also be eligible to apply for this course.

## FIND OUT MORE AT:

[www.universityofgalway.ie/regenerativemedicine](http://www.universityofgalway.ie/regenerativemedicine)



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 18 places (maximum)

**COURSE INSTANCE(S):** 1MSR1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### WHEN TO APPLY:

University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



### CONTACT

Dr Linda Howard

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Students will undertake a summer-long, laboratory-based research project or industrial placement. Previously, these projects have been based at University of Galway, Galway University Hospital, and with research groups in Dublin, Cork and Maynooth. Students have also conducted their projects in laboratories in the Netherlands and at the Mayo Clinic in the US.
2. The MSc course is based in the Regenerative Medicine Institute (REMEDI), a biomedical research institute recognised as Ireland's primary centre for stem cell and gene therapy research. Students will be taught by researchers conducting clinical trials with stem cells as well as researchers studying how stem cells function in health and disease.
3. REMEDI is home to Ireland's first stem cell manufacturing facility, CCMI, the Centre for Cell Manufacturing Ireland. CCMI translates research from REMEDI's programmes into cell-based medicinal products for clinical trials.



# Surgery

## Your Course

The Master's in Surgery (MCh) is designed to enhance the academic and professional development of surgical trainees and to improve patient safety. Running parallel with the Basic Surgical Training Scheme (BST), this programme will provide surgical trainees with the academic and scientific research skills needed for progression to higher surgical training schemes and academic surgery.

The programme consists of six innovative modules and a research thesis designed around the two core learning outcomes of the MCh—the surgeon as a scholar and the surgeon as an advocate for patient safety. The modules (60 ECTS) include: Informatics, Research Methods, Biostatistics, Translational Research, Patient Safety and Human Factors, Surgical Education, and a research thesis (30 ECTS). The topic of the thesis will be chosen by the candidate in consultation with the Professor of Surgery. The programme modules are delivered using flexible, interactive and modern learning methodologies. Our hybrid programme features online and in-person delivery. The MCh may be taken part-time over two years or full-time over one year.

## Career Opportunities

Graduates will provide evidence-based practice and research in the field of surgery. Upgraded knowledge, skills and attitudes add a new dimension to day-to-day care of patients in need of surgical procedures.

## Minimum Entry Requirements

Successful candidates will hold a primary degree in medicine and be conferred with the degrees of Bachelor's of Medicine, Bachelor's of Surgery, and Bachelor's of Obstetrics. Successful candidates will be qualified medical professionals and registered with the medical council of their respective country. International applicants should begin the process of registration with the Irish Medical Council at the earliest opportunity. Competence in English-language equivalent to IELTS 6.5 is required.

## FIND OUT MORE AT:

[www.universityofgalway.ie/mastersurgery](http://www.universityofgalway.ie/mastersurgery)



## PROGRAMMES AVAILABLE:

Master's

**DURATION:** 1 year, full-time;  
2 years, part-time.

**NUMBER OF PLACES:** 35

**COURSE INSTANCE(S):** 1MCH3,  
full-time; 1MCH1, part-time

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

**1.** MCh students learn in a highly interactive environment and are involved in the creation of surgical scenarios using high-fidelity simulation.

**2. Progression opportunities:** The combination of professional surgical training and research output will appeal to graduates intending to apply for Higher Surgical Training (HST) schemes in surgery or similar medical specialities.

**3.** Shortlisted previously for a national Postgraduate Course of the Year (Health Sciences) Award.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nursing: Acute Medicine

## Your Course

This course aspires to meet the needs of registered nurses working in acute medical settings by equipping them with the evidence-based knowledge and skills necessary to care for patients with complex conditions. The programme is comprised of six theory/practice modules delivered over two years using a blended learning format, combining online learning and face-to-face workshops. On completion of Year One, students have the option of being awarded a Postgraduate Diploma or (if they have achieved a minimum 60% average mark across these modules) may progress on to Year Two to complete the MSc programme. Case studies will be used to help students test out what they would do in different situations. Students will work in a clinical setting for the duration of the programme, and will be supported by their clinical nurse manager and named preceptor. Modules titles are listed on the course website.

## Career Opportunities

This course is particularly significant as the 2010 Report of the National Acute Medicine Programme (AMP) suggested a new approach to education and training with the development of acute medicine as a speciality for physicians and the nursing and therapy professions. It further suggested that these nurses must consolidate and expand their knowledge and skills to meet the need for early detailed assessment and development of initial treatment plans (HSE, 2010). In the future, there may be a demand for Advanced Nurse Practitioners working in acute medicine, and graduates of this programme will be ideally placed to apply for these types of positions.

## Minimum Entry Requirements

1. An honours bachelor's degree at NFAQ Level 8 in nursing or a comparable qualification. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous two years) a module at Level 9. If you wish to apply for a Level 9 module, please consult the professional credit awards at Level 9 at: [www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html);
2. Currently employed as a nurse in an Acute Medical Unit (AMUs), Acute Medical Assessment Unit (AMAU), or Medical Assessment Unit (MAU), Short Stay Unit (SSU), Medical Ward, or an equivalent clinical setting that has a remit for caring for patients in the acute stage of their medical illness. Applicants must have a minimum of six months' experience in this setting over the past two years;
3. Written evidence of support for the applicant from their Director of Nursing and clinical unit manager;
4. Minimum academic and/or professional qualifications and standards required, with any equivalence that may apply;
5. Students must work in the clinical area for the duration of the programme. Clinical requirements for completion of the programme are to pass two clinical competencies and complete a minimum of 500 hours in an acute medical unit or equivalent setting as deemed by the programme director.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-acute-medicine.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-acute-medicine.html)

## PROGRAMMES AVAILABLE:

MHSc/PDip

**DURATION:** 2 years full-time (with option to leave with PDip after 1 year)

**NUMBER OF PLACES:** 10 (minimum)

**COURSE INSTANCE(S):** 1MDU1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Acquisition of key clinical skills and knowledge.
2. Flexible blended learning approach.
3. Enhances promotional prospects post-graduation.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Midwifery: Advanced Practice Midwifery

## Your Course

The aims of the programme are to enable experienced registered midwives to develop advanced clinical midwifery knowledge and critical thinking skills to provide optimum care and improved clinical outcomes for women and their babies through higher levels of critical analysis, problem solving and senior clinical decision-making as a lead healthcare professional who is accountable and responsible for their own practice.

## Career Opportunities

Graduates will be autonomous practitioners, who are clinically competent and skilled in the delivery of high-quality, direct care to a specific client group. The Advanced Midwife Practitioner will provide care for mothers, babies and their families in all settings during a very special time, in collaboration with other healthcare professionals, according to agreed scope of practice guidelines. Graduates, equipped with such knowledge and advanced skills will be eligible to apply to the Nursing & Midwifery Board of Ireland (NMBI) for registration as a Registered Advanced Midwife Practitioner (RAMP).

## Minimum Entry Requirements

1. Applicants must have a minimum of an honours primary degree in Midwifery, and hold a current active registration on the professional register maintained by NMBI;
2. Applicants must provide evidence of support from an employer and completed Site Declaration Forms, signed by the Director of Midwifery and Mentor, containing confirmation of a clinical supervisor who will provide supervision, support and learning opportunities, including opportunities to practice under supervision to gain the required competencies and clinical competence;
3. Applicants must comply with current minimum entry requirements for admission to the programme of education for nurse & midwife prescribing, and must have three years' recent post-registration clinical experience in midwifery (this must be within the past five years) with the equivalent of one year full-time experience in the specific area of clinical practice;
4. Applicants must provide nomination and confirmation of a clinical supervisor who will provide the student with supervision, support and opportunities including shadowing opportunities to gain the required competencies for medicinal prescribing in his/her practice area/organisation.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-practice-midwifery.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-practice-midwifery.html)

[www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-practice-midwifery-pdip.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-practice-midwifery-pdip.html)

### PROGRAMMES AVAILABLE:

MSc, PDip

**DURATION:** 2 years, part-time (MSc); 1 year, full-time (PDip)

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1AMP1, 1PWA1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Students who successfully complete this programme are eligible to apply to NMBI to register as an RAMP.
2. Advanced practice has been defined as 'a continuum along which practitioners develop their professional knowledge, clinical reasoning, clinical judgement, skills, and behaviours to higher levels of capability that is recognisable' (Nursing and Midwifery Board of Australia 2014).
3. You would like to gain the knowledge and skills to influence behaviour change at the individual and population level.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Nursing: Advanced Practice Nursing

## Your Course

The aims of the programme are to enable experienced registered nurses to develop an expert knowledge base, complex decision-making skills, and clinical competencies for an expanded auto-nomous scope of practice, the characteristics of which are shaped by: the context in which the individual practices, the needs of patients/clients, and the challenges and developments within the health services.

## Career Opportunities

Graduates will be autonomous practitioners, who are clinically competent and skilled in the delivery of high-quality, direct care to a specific patient/client group. The Advanced Nurse Practitioner will be empowered to promote wellness, offer healthcare interventions and advocate healthy lifestyle choices for patients/clients, their families and carers in a wide variety of settings in collaboration with other healthcare professionals, according to agreed scope of practice guidelines. Graduates, equipped with such knowledge and advanced skills will be eligible to apply to the Nursing & Midwifery Board of Ireland (NMBI) for registration as a Registered Advanced Nurse Practitioner (RANP).

## Minimum Entry Requirements

1. Applicants must have a minimum of an honours primary degree in Nursing, and hold a current active registration on the professional register maintained by NMBI;
2. Applicants must provide evidence of support from an employer and completed Site Declaration Forms, signed by the Director of Nursing/Public Health/Nurse Manager and Medical Mentor containing confirmation of a clinical supervisor who will provide supervision, support and learning opportunities, including opportunities to practice under supervision to gain the required competencies and clinical competence;
3. Applicants must comply with current minimum entry requirements for admission to the programme of education for nurse/midwife prescribing, and must have three years' recent post-registration clinical experience in nursing (this must be within the past five years) with the equivalent of one year full-time experience in the specific area of clinical practice;
4. Applicants must provide nomination and confirmation of a clinical supervisor who will provide the student with supervision, support and opportunities including shadowing opportunities to gain the required competencies for nurse prescribing in his/her practice area/organisation.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-practice-nursing.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-practice-nursing.html)

[www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-practice-nursing-pdip.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/advanced-practice-nursing-pdip.html)

**PROGRAMMES AVAILABLE:** MSc, PDip

**DURATION:** 2 years, part-time (MSc); 1 year, full-time (PDip)

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1ANP1, 1PNA1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Students who successfully complete this programme are eligible to apply to NMBI to register as an RANP.
2. Advanced practice has been defined as 'a continuum along which practitioners develop their professional knowledge, clinical reasoning, clinical judgement, skills, and behaviours to higher levels of capability that is recognisable' (Nursing and Midwifery Board of Australia 2014).
3. You would like to gain the knowledge and skills to influence behaviour change at the individual and population level.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nursing: Children's Palliative Care/Complex Care

## Your Course

The MSc/PDip is facilitated by the teaching teams at both University of Galway and UCD. It is designed for Registered Nurses working with children and adolescents with complex or life-limiting conditions. The programme, approved by the Nursing and Midwifery Board of Ireland (NMBI), aims to provide students with the necessary in-depth evidence-based knowledge, skills and competencies to provide quality care to highly dependent children as they live with life-limiting illness and perhaps face the end of life. On completion of the six modules in Year One, students have the option of being awarded a PDip or (if they have achieved the minimum 60% average mark across these modules) may progress on to the next year to complete the master's programme. A blended learning approach is adopted in the delivery of this programme. Additionally, students are required to complete a minimum of 500 clinical hours before completing this programme.

## Career Opportunities

Graduates have found employment and promotion opportunities nationally and internationally in clinical nurse specialist roles (neonatology, palliative care, paediatric palliative or specialist complex care) specialist community home care, disability or liaison roles and/ or children's Hospice employment.

## Minimum Entry Requirements

1. Applicants must be registered on the general, children's, psychiatric, intellectual disability or midwifery division of the register maintained by the NMBI;
2. Have a minimum of one year's post-registration experience (exclusive of post-registration courses);
3. Be currently working in the required specialist area, i.e., an area associated with palliative care/children's complex care/ children's palliative care or allied areas (neonatal, community home care, disability, oncology) and have as a minimum six months' clinical experience in this specialist area;
4. Complete additional clinical hours in a children's palliative care/ complex setting. Placement length depends on the learning opportunities available to students in their current work setting and individualised tailored learning needs assessment;
5. Provide written support from their employer that they will be able to access this client group across the programme;
6. Satisfy the selection panel of their ability to complete the programme;
7. Have an honours bachelor's degree at NFQ Level 8 in nursing or a comparable qualification. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous two years) a module at Level 9. Please consult the professional credit awards at Level 9 at: [www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html).

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/childrens-palliative-care-complex-care](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/childrens-palliative-care-complex-care)

## PROGRAMMES AVAILABLE:

MSc/PDip

**DURATION:** 2 years, full-time (option to leave with PDip after 1 year)

**NUMBER OF PLACES:** 14

**COURSE INSTANCE(S):** 1MDC1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

## GARDA VETTING/POLICE

**CLEARANCE:** Garda vetting/ police clearance is required for this programme. Please see page 313 for further information.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. New recognised specialty internationally. **Only** programme being offered in Ireland. Numerous new specialist posts currently in development.
2. Flexible blended learning format. Programme designed for nurses working full-time.
3. NMBI Category 2 Approval. Programme fully supported by HSE/voluntary settings as preparation for workforce planning.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Nursing: Diabetes

## Your Course

Diabetes is a global health emergency with over 600 million people expected to have the condition by 2030, representing 10% of the world's population. Therefore the World Health Organisation has classed diabetes as an epidemic requiring urgent action for both prevention and management. It is a chronic metabolic condition that can cause significant cardiovascular morbidity and mortality if not managed correctly. Central to this management is controlling key physiological indices such as blood sugar, blood pressure and blood lipid levels, as well as promoting health behaviours such as regular exercise, healthy eating and not smoking.

This novel interdisciplinary programme is aimed at nurses who want to improve their knowledge and clinical skills for the care of patients with diabetes.

## Career Opportunities

On completion of the Postgraduate Diploma/Master's of Health Sciences Diabetes, which are Level 9 NFQ awards, a registered nurse would be eligible to apply for clinical nurse specialist registration in diabetes.

## Minimum Entry Requirements

Programme applicants must meet the following entry requirements:

1. Be registered as a general nurse;
2. Hold an active general nursing registration;
3. Have a minimum of one year's post-registration experience.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/diabetes-nursing-mhsc-pdip.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/diabetes-nursing-mhsc-pdip.html)



## PROGRAMMES AVAILABLE:

MHSc/PDip

**DURATION:** 2 years, full-time (MHSc); 1 year, full-time (PDip)

**NUMBER OF PLACES:** 5

**COURSE INSTANCE(S):** 1DIN1, MHSc; 1DIN9, PDip

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

## GARDA VETTING/POLICE

**CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Improve knowledge of diabetes.
2. Improve skills in diabetes management.
3. Improve patient care.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nursing: Education

## Your Course

The programme is at Level 9 on the National Framework of Qualifications and leads to candidate eligibility to register with the Nursing and Midwifery Board of Ireland (NMBI) as a Registered Nurse Tutor. The course is aimed at masters' degree nurse graduates who wish to gain a teaching qualification and who wish to pursue an educational career path. The broad aim of the programme is to prepare nurses to be able to teach competently and confidently in a variety of clinical and educational settings. Students must gain 100 hours of teaching experience during the programme (one academic year). To increase programme accessibility, course delivery is via blended learning, which combines face-to-face and online learning.

Modules (see details of these on our course website) are assessed using a combination of coursework, practice and teaching assessments. To support their skill development, students are expected to complete 100 hours of teaching practice/facilitation during the programme. Students are also expected to gain expertise in a wide range of teaching methods, including lecturing, small group teaching and clinical skills teaching as well as engagement with online teaching using teaching technologies in the virtual learning environment.

## Career Opportunities

Graduates of this programme of study have found employment in various health service settings, third level institutions of education, Centres for Nursing and Midwifery Education, Nursing Midwifery Practice Development Units and the private sector.

## Minimum Entry Requirements

All applicants must meet the following entry requirements:

1. Have successfully completed a master's degree in nursing or allied health related master's degree;
2. Be a registered nurse on the General, Mental Health, or Learning Disability Nurse divisions of the register maintained by the NMBI;
3. Have practised as a nurse for a minimum of three years post-registration (exclusive of post-registration/educational programmes);
4. Have negotiated a teaching practice placement in a third-level College of Nursing or Centre for Nursing and Midwifery Education, which will provide the opportunity to meet the practice requirements of this programme.

## FIIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-education.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-education.html)

**PROGRAMMES AVAILABLE:** PDip

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 5 places (minimum)

**COURSE INSTANCE(S):** 1PNE1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply throughout the year and before the end of May (preceding commencement of the programme in September). See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1. Externally approved:** The course is approved by the NMBI.
- 2.** This programme leads to candidate eligibility to register with NMBI as a R.N.T.
- 3. Flexible learning:** Blended learning is an innovative and flexible approach to learning, making it possible to combine working full-time with studying.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nursing: Emergency Care

## Your Course

This programme has been designed for registered nurses who wish to pursue a specialist course in emergency care nursing. It aims to prepare nurses already working in emergency care settings with the necessary in-depth knowledge, skills and competencies to provide quality care to clients.

The programme is offered full-time over two calendar years via blended learning, which is a combination of online learning and face-to-face workshops. On completion of Year One, students have the option of being awarded a Postgraduate Diploma or (if they have achieved a minimum 60% average mark across course modules) may progress on to Year Two to complete the master's programme. Students will complete three core and three specialist modules in the first year (60 ECTS). Eligible students will then complete a research dissertation (30 ECTS) in Year Two.

Students will simultaneously work in an emergency department setting for the duration of the programme and their clinical learning will be supported by a clinical facilitator, clinical preceptor and Emergency Department Nursing management.

## Career Opportunities

Graduates have established successful careers as registered nurses in Emergency Departments and diversified to other areas such as management and academia. Graduates have found employment in the Irish health services and also in international emergency departments. Graduates have gone on to become advanced nurse practitioners and clinical nurse specialists in both emergency nursing and related specialities.

## Minimum Entry Requirements

All applicants must meet the following entry requirements:

1. Be a registered nurse on the General Nurse division of the register maintained by the Nursing and Midwifery Board of Ireland (NMBI);
2. Have a minimum of six months' post-registration experience (exclusive of post-registration courses);
3. Be currently working in the required specialist area, i.e., emergency, and have, as a minimum, six months' clinical experience in this specialist area;
4. Have an honours bachelor's degree at NFQ Level 8 in nursing or a comparable qualification. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous two years) a module at Level 9. If you wish to apply and complete a level 9 module please consult the professional credit awards at:

[www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html)

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-emergency-care.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-emergency-care.html)

**PROGRAMMES AVAILABLE:** MHSc, PDip

**DURATION:** 2 years, full-time (option to leave with PDip after 1 year)

**NUMBER OF PLACES:** 10 places (minimum)

**COURSE INSTANCE(S):** 1MCE1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

### 1. Externally approved:

The course has a category 2 approval from the NMBI and has a strong clinical focus, offering opportunities for graduates to develop specialist skills.

### 2. Flexible learning:

Blended learning is an innovative and flexible approach to learning, making it possible to combine working full-time with studying.

**3.** Students gain valuable clinical competencies working for a minimum of 500 hours in an emergency department setting.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nursing: Gerontology

## Your Course

The Master's of Health Science in Gerontological Nursing at University of Galway is for nurses caring for older people in acute, community or long-term care settings. The programme aims to equip nurses with the broad skills needed to meet the needs of older persons across a wide variety of settings acknowledging older people as valuable active citizens who deserve the support and empowerment of service provision to enact a fulfilled life.

The programme is offered full-time over two calendar years. On completion of the six modules in Year One, students have the option of being awarded a Postgraduate Diploma or (if they have achieved a minimum 60% average mark across course modules) may progress on to Year Two to complete the MSc programme.

It consists of both theoretical and clinical components. A blended learning approach is adopted in the delivery of this programme. Students are required to attend face-to-face workshops for an average of 12 days across the programme and complete a minimum of 500 clinical hours before completing this programme.

## Career Opportunities

Graduates have found employment and promotion opportunities nationally and internationally.

## Minimum Entry Requirements

All applicants must meet the following entry requirements:

1. Be registered as a nurse on the live register of the Nursing and Midwifery Board of Ireland (NMBI), i.e., General, Psychiatric or Intellectual Disability Register;
2. Have a minimum of one year of post-registration experience and be currently working in a setting that provides care for older people with a minimum six months' clinical experience of working with this client group;
3. Provide written evidence of support from their Director of Nursing for the duration of the programme;
4. Have an honours bachelor's degree at NFQ Level 8 in nursing or a comparable qualification. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous four years) a module at Level 9. Further information on Level 9 professional credit awards is at: [www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html).

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-gerontology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-gerontology.html)



## PROGRAMMES AVAILABLE:

MHSc, PDip

**DURATION:** 2 years, full-time (option to leave with PDip after 1 year)

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1MGE1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE



1. The course has a clinical focus, offering opportunities to develop specialist skills.
2. The programme is offered through a blended learning format—a combination of online and face-to-face learning and teaching. Blended learning is an innovative and flexible approach to learning. Students can integrate working full-time with study.
3. This course is approved by the NMBI.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Nursing: Midwifery

## Your Course

The Higher Diploma in Midwifery is for registered general nurses who wish to pursue a career in midwifery. The programme builds on students' prior professional, academic and personal experiences. Following successful completion of the programme, students are competent to fulfil the role of the midwife as outlined by the International Confederation of Midwives and are eligible to apply to register as a midwife with the Nursing and Midwifery Board of Ireland (NMBI)

**Modules:** Anatomy and Physiology applied to Midwifery, Midwifery Care 1 & 2, Care of the Well Neonate, Research for Midwifery, Midwifery Practice 1 & 2, Woman with Complications in Childbirth 1 & 2, The Neonate Requiring Specialised Care, Elective Practice Placement, Psychology and Sociology for Midwifery.

## Career Opportunities

There are career opportunities for midwives to work in various practice settings including hospitals, midwife-led care units, clinics or the community, across different models of care. There are also opportunities to specialise in areas within clinical practice, or to focus more on education or research related to midwifery. For midwives who wish to work in another EU state, they must undertake a year of clinical midwifery practice in Ireland before they can register with any other EU Member State and practice in that country.

## Minimum Entry Requirements

Applicants must be registered on the General Division of the Register of Nurses maintained by the NMBI (Registered General Nurse). A minimum of six months' general nursing post-registration experience is required. Students must meet the normal minimal educational requirements for admission.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/midwifery.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/midwifery.html)



**PROGRAMMES AVAILABLE:** HDip

**DURATION:** 80 weeks, full-time

**NUMBER OF PLACES:** 17

**COURSE INSTANCE(S):** 1HMW1

**FEES AND FUNDING:** This programme is sponsored by the HSE.

**GARDA VETTING/POLICE CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**WHEN TO APPLY:** Applications can be made via the PAC site, [www.pac.ie](http://www.pac.ie), to the HSE, approximately six months in advance of the start date. The start date alternates between March and September every 18 months.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

**1. Practice:** Practice placements, which make up two thirds of the course (54 weeks), are located at University Hospital Galway. Placements occur throughout the academic and calendar year.

**2. Theory:** The theoretical component of the course runs over 26 weeks, organised in three study blocks during the academic year. A variety of learning and teaching strategies are used, for example, simulation, classroom based learning, blended learning and an elective practice placement module is included.

**3. Integration of theory and practice:** There is an emphasis on exploring the relevance of the content to practice, providing students with an opportunity to integrate theory and practice.

Thinking about applying?

[www.pac.ie](http://www.pac.ie)



# Nursing: Intensive Care

## Your Course

This programme is designed for registered nurses who wish to pursue a specialism in Intensive Care Nursing. Taught components of the programme are delivered in a blended learning format. Blended learning is an innovative teaching strategy which involves a combination of face-to-face and online learning. Students attend face-to-face workshops for a total of 12 days across the programme. The programme is comprised of six theory/practice modules. In all modules, there is an emphasis on exploring the relevance of module content to practice; similarly, practice placements allow students to explore 'new' knowledge in practice, giving them an opportunity to integrate theory and practice.

Students are required to undertake their clinical practice in an approved setting within Ireland, normally within the students' own work setting. Where the environment does not provide sufficient opportunities to meet the learning outcomes of the programme, additional placements will be required of the student in sites which will provide the experience needed. A minimum of 500 clinical hours need to be completed in the specialist area while undertaking the programme.

## Career Opportunities

Graduates have found employment and promotion opportunities nationally and internationally.

## Minimum Entry Requirements

All applicants must meet the following entry requirements:

1. Be a registered nurse on the General division of the register maintained by the Nursing and Midwifery Board of Ireland (NMBI);
2. Have a minimum of six months' post-registration experience (exclusive of post-registration courses);
3. Be currently working in the required specialist area, i.e., Intensive Care, and have as a minimum six months' clinical experience in this specialist area;
4. Provide written evidence of support from their Director of Nursing for the duration of the programme;
5. Have an honours bachelor's degree at NFQ Level 8 in nursing or a comparable qualification. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous two years) a module at Level 9. If you wish to apply for a Level 9 module, please consult: [www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html);
6. Applicants for this programme who have undertaken the National Foundation Education Module in Intensive Care Nursing at UCD or UCC may apply for exemption for the Specialist Module 1 on the Master's/Postgraduate Diploma in Health Sciences (Intensive Care) in University of Galway.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-intensive-care.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-intensive-care.html)

## PROGRAMMES AVAILABLE:

MHSc, PDip

**DURATION:** 2 years, full-time (option to leave with PDip after 1 year)

**NUMBER OF PLACES:** 10 places (minimum)

**COURSE INSTANCE(S):** 1MD1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. The course is approved by NMBI.
2. This programme has a clinical focus, offering opportunities to develop specialist skills.
3. The programme is offered through a blended learning format, an innovative and flexible approach to learning. Students can integrate working full-time with study.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Student Profile

A little about our students

"The Postgraduate Diploma in Nursing (Intensive Care) is a challenging yet equally rewarding course which reflects the very nature of Intensive Care. I would consider the Postgraduate Diploma to be a solid investment for a career in critical care. It is delivered by leaders in their respective fields and the knowledge gained is invaluable as it can be applied to any critical care or acute care setting. The postgrad course also provided the foundation for me to continue my education and complete my master's degree in Intensive Care."

## Grace Callaghan

RGN Intensive Care,  
Sligo University Hospital





# Nursing: Nurse/Midwife Prescribing

## Your Course

This certificate programme was developed in response to a need for nurses and midwives to prescribe in order to support high-quality, person-centred care.

**Course content:** The programme is delivered over a six-month period. The modules are delivered in a blended learning format, with a combination of e-learning using Blackboard and workshops in college. In addition, students will be mentored in their practice setting for the duration of the programme. This will include 12 days (96 hours) of direct supervision of the prescriptive process by a medical practitioner. The programme is comprised of three theory/practice modules and a clinical competency assessment in prescribing.

**Modules include:** Professional, Ethical and Legal Issues of Nurse/Midwife Prescribing; Pharmacology, Health and Medicinal Prescribing; Advanced Health Assessment; Competency Assessment.

## Career Opportunities

This programme will equip students with the competencies and skills needed to take on the extended role of prescribing medicines.

## Minimum Entry Requirements

All applicants must meet the following entry requirements:

1. Be currently registered as a nurse or a midwife on the register of the Nursing and Midwifery Board of Ireland (NMBI);
2. Be currently employed as a nurse or a midwife;
3. Have a minimum of three years' recent post-registration clinical experience in nursing or midwifery (within the last five years), with the equivalent of one year's full-time experience in the specific area of practice in which prescribing is proposed;
4. Possess the competencies recognised at Level 8 of the National Framework of Qualifications;
5. Provide evidence of having undertaken continuing professional education;
6. Have support from an employer to undertake the programme, evidenced by a completed Site Declaration Form;
7. Have confirmation of a designated nurse/midwife/medical mentor, evidenced by a completed Site Declaration Form.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-nurse-midwife-prescribing.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-nurse-midwife-prescribing.html)

## PROGRAMMES AVAILABLE:

Certificate

**DURATION:** 6 months, full-time; two intakes each year (January and September).

**NUMBER OF PLACES:** 10 places (minimum)

**COURSE INSTANCE(S):** 1CNP1, 1CNP3

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Collette Kirwan

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## 3 GOOD REASONS TO STUDY THIS COURSE

### 1. Externally approved:

The course is approved by the NMBI. Qualifies as a professional qualification with NMBI.

**2.** It has a clinical focus, offering graduates the opportunities to develop specialist skills.

**3. Flexible learning:** Blended learning is an innovative and flexible approach to learning, making it possible to combine working full-time with studying.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nursing Education

## Your Course

The Master of Health Sciences (Nursing Education), Major Award, is at Level 9 on the National Framework of Qualifications and leads to candidate eligibility to register with the Nursing and Midwifery Board of Ireland as a Registered Nurse Tutor. The course is aimed at nurses working in the public, voluntary or private sectors who wish to pursue an educational career path, and aims to prepare nurses to be able to teach competently and confidently in a variety of clinical and educational settings. Students are required to gain 100 hours of teaching experience over the two years. The programme is delivered using blended learning which combines face-to-face and online learning. Modules (see details of these on our course website) are assessed using a combination of coursework, practice and teaching assessments. To support their skill development, students are expected to complete 100 hours of teaching practice/facilitation during the programme. Students are also expected to gain expertise in a wide range of teaching methods, including lecturing, small group teaching and clinical skills teaching as well as engagement with online teaching using teaching technologies in the virtual learning environment.

## Career Opportunities

Graduates of this programme of study have found employment in various health service settings, third-level institutions of education, Centres for Nursing and Midwifery Education, Nursing Midwifery Practice Development Units and the private sector.

## Minimum Entry Requirements

All applicants must meet the following entry requirements:

1. Have an honours bachelor's degree at NFQ Level 8 in Nursing or a comparable qualification. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous two years) a module at Level 9. If you wish to apply for a Level 9 module, please consult: [www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html);
2. Be a registered nurse on the General, Mental Health, or Learning Disability Nurse divisions of the active register maintained by NMBI; or hold a professional nursing qualification deemed to be equivalent by University of Galway;
3. Have practised as a nurse for three years post-registration (exclusive of post-registration/educational programmes);
4. Have negotiated a teaching practice placement in a third-level College of Nursing or Centre for Nursing and Midwifery Education, which will provide the opportunity to meet the practice requirements of this programme.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-midwifery-education.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-midwifery-education.html)

**PROGRAMMES AVAILABLE:** MHSc

**DURATION:** 2 years, part-time

**NUMBER OF PLACES:** 10 places (minimum)

**COURSE INSTANCE(S):** 1HVN4

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply throughout the year and before the end of May (preceding commencement of the programme in September). See page 312 for full details of when and how to apply.



### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE

1. This part-time programme is offered through blended learning, a combination of online and face-to-face learning and teaching.
2. This programme leads to candidate eligibility to register with NMBI as a Registered Nurse Tutor.
3. **Practical experience gained:** 100 hours of teaching practice are completed over the two years and are an integral part of the programme.

### Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Nursing: Obesity

## Your Course

Ultimately our motivation in developing this programme is two-fold: to inform better, evidence-based, compassionate and dignified care to patients affected by obesity and related disorders and secondly to inform better population level strategies to mitigate the obesity epidemic. This two-pronged approach is a strong theme throughout the programme, reflected in the two distinct obesity modules and founded in Geoffrey Rose's seminal descriptions of the fundamental principles of modern population health in "Sick Individuals and Sick Populations". Through specific learning outcomes, our students will have an excellent grasp of the various therapeutic strategies available to patients and will understand the factors underlying variations in the obesity phenotype. Students will also appreciate the potential benefits and risks of various population level strategies that can be formulated to address the obesity crisis, and the societal, political and legislative challenges faced in deploying these.

## Career Opportunities

On completion of the Postgraduate Diploma/Master's' of Health Sciences Obesity, which are Level 9 NFQ awards, a registered nurse would be eligible to apply for clinical nurse specialist registration in obesity.

## Minimum Entry Requirements

In order to be considered for entry to the programme applicants must have a 2.1 degree (or equivalent) and meet the following entry requirements:

- Be registered as a general nurse;
- Hold an active general nursing registration;
- Have a minimum of one year's post-registration experience.

However, there will be special consideration for cases where applicants have demonstrated aptitude for the course material through three years of high-level experience in an obesity-related field (relevant to their background). Candidates coming to Ireland from abroad or who do not have a degree from Ireland or the UK will be asked to provide evidence of an acceptable result in one of the recognized English language proficiency tests, e.g., IELTS total score of 6.5.

### FIND OUT MORE AT:

[www.universityofgalway.ie/obesitymhsc/obesity-mhsc-pdip.html](http://www.universityofgalway.ie/obesitymhsc/obesity-mhsc-pdip.html)

### PROGRAMMES AVAILABLE:

MHSc/PDip

**DURATION:** MHSc, 2 years, full-time; PDip, 1 year, full-time

**NUMBER OF PLACES:** 5

**COURSE INSTANCE(S):** 1OBN1, MHSc; 1OBN9, PDip

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Professor Francis Finucane  
Programme Director

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Adapted to meet the needs of nurses seeking to specialise in obesity care who will learn better, evidence-based, therapeutic strategies delivered with compassion and dignity to patients affected by obesity and related disorders.
- 2.** To inform better population level strategies to mitigate the obesity epidemic.
- 3.** Delivered by clinical academic staff attached to the regional bariatric service, providing multidisciplinary medical, nursing, surgical, dietetic and psychological care to patients with severe and complicated obesity.



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



**Athena SWAN**  
Bronze Award

# Nursing: Oncology and Haematology

## Your Course

This programme is designed for registered general nurses who wish to pursue a specialism in oncology and haematology nursing. Students are required to undertake their clinical practice in an approved clinical practice setting within Ireland, normally within the students' own work setting. Students may also be required to undertake additional placement(s) in order to meet the programme's learning outcomes.

The programme is offered full-time over two calendar years. On completion of Year One, students have the option of being awarded a Postgraduate Diploma or (if they have achieved a minimum 60% average mark across course modules) may progress on to Year Two to complete the MSc programme. A blended learning approach is adopted in the delivery of this programme. Students are required to attend face-to-face workshops for a total of 12 days and to complete a minimum of 500 clinical hours before completion.

## Career Opportunities

Graduates have found employment and promotion opportunities nationally and internationally in clinical nurse specialist roles and clinical trials (oncology and haematology).

## Minimum Entry Requirements

All applicants must meet the following entry requirements:

1. Be a registered nurse on the General Nurse division of the register maintained by the Nursing and Midwifery Board of Ireland;
2. Have a minimum of one year of post-registration experience (exclusive of post-registration courses);
3. Be currently working in an approved oncology care setting and have as a minimum six months' clinical experience in this specialist area;
4. Satisfy the selection panel of ability to complete the programme;
5. Provide written support from their employer that they will be able to access this client group across the programme;
6. Have an honours bachelor's degree at NFQ Level 8 in nursing or a comparable qualification. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous two years) a module at Level 9. If you wish to apply for a Level 9 module, please consult the professional credit awards at: [www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html).

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-oncology-haematology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-oncology-haematology.html)

**PROGRAMMES AVAILABLE:** MSc, PDip

**DURATION:** 2 years, full-time (option to leave with PDip after 1 year)

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MDOH1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Learning packs are developed by teams of nurse academics and clinicians.
2. Programme lecturers have expertise in oncology and haematology nursing.
3. The programme is approved by the NMBI.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nursing: Perioperative

## Your Course

This programme is designed for registered nurses who wish to pursue a specialism in Perioperative Nursing. It is offered full-time over two calendar years. Taught components of the programme are delivered in a blended learning format, an innovative teaching strategy which involves a combination of face-to-face and online learning. This means that most learning/teaching will be delivered online through Blackboard, an interactive learning system which connects directly to the university from your own home computer. Students are required to attend face-to-face workshops, which are arranged across the programme. The programme is comprised of six theory/practice modules. In all modules there is an emphasis on exploring the relevance of module content to practice; similarly, practice placements allow students to explore 'new' knowledge in practice, giving them an opportunity to integrate theory and practice. Students are required to undertake their clinical practice in an approved clinical practice setting in Ireland, normally within the students' own work setting. Where the environment does not provide sufficient opportunities to meet the learning outcomes of the programme, additional placements will be required of the student in sites which will provide the experience needed. A minimum of 500 clinical hours need to be completed in the specialist area while undertaking the programme.

## Career Opportunities

This programme offers the opportunity for students to maintain and advance their clinical competencies, and to continue with their professional development. The vision is based on clinical expertise, quality, and evidence-based practice. It provides students with the academic qualifications to be considered for advanced practice nursing posts. Graduates have found employment and promotion opportunities nationally and internationally.

## Minimum Entry Requirements

All applicants must meet the following entry requirements:

1. Be a registered nurse on the General division of the register maintained by Nursing and Midwifery Board of Ireland (NMBI);
2. Have a minimum of six months' post-registration experience (exclusive of post-registration courses);
3. Be currently working in the required specialist area, i.e., theatre (perioperative setting) and have as a minimum six months' clinical experience in this specialist area;
4. Provide written evidence of support from their Director of Nursing for the duration of the programme;
5. Have an honours bachelor's degree at NFQ Level 8 in nursing or a comparable qualification. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous two years) a module at Level 9. If you wish to apply for a Level 9 module, please consult the professional credit awards at: [www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html).

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-perioperative.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-perioperative.html)

## PROGRAMMES AVAILABLE:

MHSc, PDip

**DURATION:** 2 years full-time (option to leave with PDip after 1 year)

**NUMBER OF PLACES:** 10

**COURSE INSTANCE(S):** 1MDP1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. The course is approved by the NMBI and has a clinical focus, offering opportunities to develop specialist skills.
2. The programme is offered through a blended learning format—a combination of online and face-to-face learning and teaching.
3. Blended learning is an innovative and flexible approach to learning, making it possible to combine working full-time with studying.



## Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Nursing: Public Health Nursing

## Your Course

Candidates registering for this programme will be given the opportunity to develop valuable knowledge and skills in the areas of primary healthcare, health promotion, leadership and community nursing leading to registration on the Public Health Nursing division of the Nursing and Midwifery Board of Ireland (NMBI) register.

Year One is full-time and currently sponsored by the Health Service Executive (HSE). On successful completion of Year One students may opt out of the programme and will be awarded a Postgraduate Diploma in Health Sciences (Public Health Nursing).

Those who choose to continue to Year Two may do so providing they have 60% aggregate mark of modules undertaken in year one. Year Two is part-time and successful completion leads to a Master's of Health Sciences (Public Health Nursing). Year Two of this programme is offered by the School of Nursing and Midwifery, University of Galway, and **is not sponsored** by the HSE.

## Career Opportunities

Graduates have the opportunity to register in the Public Health Nursing division of the NMBI register and will gain employment as a Public Health Nurse (PHN) with the HSE. Completion to MSc level will increase their opportunities for career advancement within the PHN service as this provides eligibility requirements for managerial roles.

## Minimum Entry Requirements

1. Be registered in the General Nursing Division of the Register of Nurses maintained by the NMBI or entitled to be so registered AND have a minimum of three years' post-registration general nursing experience; **OR**
2. Be registered in the General Nursing Division and another Division of the Register, including Registered Midwife (RM), Registered Children's Nurse (RCN), Registered Nurse Intellectual Disability (RNID) or Registered Psychiatric Nurse (RPN) divisions of the Register of Nurses and Midwives maintained by the NMBI or entitled to be so registered; AND have a minimum of 18 months post-registration general nursing experience as an RGN, and 18 months post-registration experience as an RM or RCN or RNID or RPN; **AND**
3. Meet the academic criteria set by the relevant Higher Education Institute (HEI); hold an NQAI Level 8 honours degree or proof of equivalency or NFQ Level 8 Higher Diploma or a NFQ Level 9 award. The academic transcript provided will be used as evidence to demonstrate this, and it should be for the highest level award;
4. Applicants whose first language or primary language of expression is not English must provide evidence that their English language ability meets the required standard for admission: minimum required score is 6.5 on the IELTS test.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-public-health.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/nursing-public-health.html)

## PROGRAMMES AVAILABLE:

Master's/PDip in Health Sciences

**DURATION:** 1 year, full-time (for Year One of programme); 1 year, part-time (for Year Two of programme)

**NUMBER OF PLACES:** 10 places (minimum)

**COURSE INSTANCE(S):** 1MDH1  
Apply at [www.pac.ie/phn](http://www.pac.ie/phn)

## FEES AND FUNDING:

Year One funded through HSE sponsorship. Year Two is self-funded.

**CLOSING DATE:** Please check website for updates.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. This course leads to registration as a Public Health Nurse and provides all the competencies required for the role.
2. You are guaranteed employment within the HSE on successful completion of Year One.
3. Future healthcare planning is focused on providing more healthcare within the community. This will lead to diverse opportunities for career pathways in this setting.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Wound Healing and Tissue Repair

## Your Course

This programme aims to prepare healthcare professionals to effectively manage (within their scope of practice) challenging wound healing and tissue repair issues. The goal is to provide experienced, dedicated healthcare professionals with the necessary knowledge and skills in wound healing and tissue repair to ensure the highest quality of care for patients. Lecturers and facilitators on this course are recognised for their expertise nationally and internationally through research, education and clinical practice.

Using a blended-learning approach, this programme is delivered through a combination of online learning and face-to-face skills teaching. Modules are delivered using guided learning packs that provide a study guide, directed learning activities (both online and practice based), key reading, reflective points and e-tivities. The face-to-face teaching component (workshops) take place at intervals throughout the semester. Workshops will focus on the key skills and their application.

## Career Opportunities

Students graduating from this programme will be able to enhance their clinical skills and knowledge in the area of wound healing and tissue repair. As wound management crosses many disciplines, the career path will vary according to the discipline. In the field of nursing, this programme supports nurses' applications for the role of Clinical Nurse Specialist in Tissue Viability (but does not guarantee that such an appointment will be made).

## Minimum Entry Requirements

Applicants must:

1. Hold an honours bachelor's degree at NFQ Level 8 in a healthcare profession. Applicants who do not hold an honours degree or Higher Diploma (Level 8) must demonstrate that they have successfully completed (in the previous two years) a module at Level 9. If you wish to apply for a Level 9 module, please consult the professional credit awards at: [www.universityofgalway.ie/pca/pca.html](http://www.universityofgalway.ie/pca/pca.html);
2. Hold current registration with their relevant governing body, for example, NMBI, CORU, IMC;
3. Be currently employed in healthcare;
4. Have a minimum of six months' clinical experience in an appropriate setting since qualification.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/wound-healing-tissue-repair.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/wound-healing-tissue-repair.html)

### PROGRAMMES AVAILABLE:

Master's/PDip in Health Sciences

### DURATION:

2 years, full-time (option to leave with PDip after 1 year)

### NUMBER OF PLACES:

10

### COURSE INSTANCE(S):

1MDW1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

### WHEN TO APPLY:

University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Duygu Sezgin

T: +353 91 493 344

E: [duygu.sezgin@universityofgalway.ie](mailto:duygu.sezgin@universityofgalway.ie)

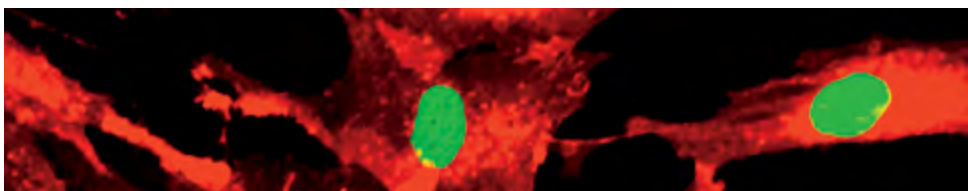
## 3 GOOD REASONS TO STUDY THIS COURSE

1. A feature of this programme is its multidisciplinary approach.
2. This is the first Level 9 course in skills development and competency in compression therapy and the Doppler technique.
3. Programme lecturers are internationally recognised for their expertise in this field.

### Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Student Profile

A little about our students

"I am currently working in the community as a public health nurse. As well as other aspects of public health, I have always been passionate about wound care. With the support of my management team, I intend to specialise as a tissue viability nurse with the help of this further education.

I felt that University of Galway provided a lot of flexibility with the structure of the course. This made it possible to travel to Galway and attend lectures while also working full-time in a busy role.

I always felt well supported by the speedy responses of the lecturers if I ever had any query.

The practical element of the venous leg ulcer module as well as the OSCE in ABPIs gave me the confidence to practice in the community and initiate compression therapy safely for patients and therefore reduce the amount of referrals onwards to the acute services.

I also very much enjoyed learning alongside my podiatry colleagues.

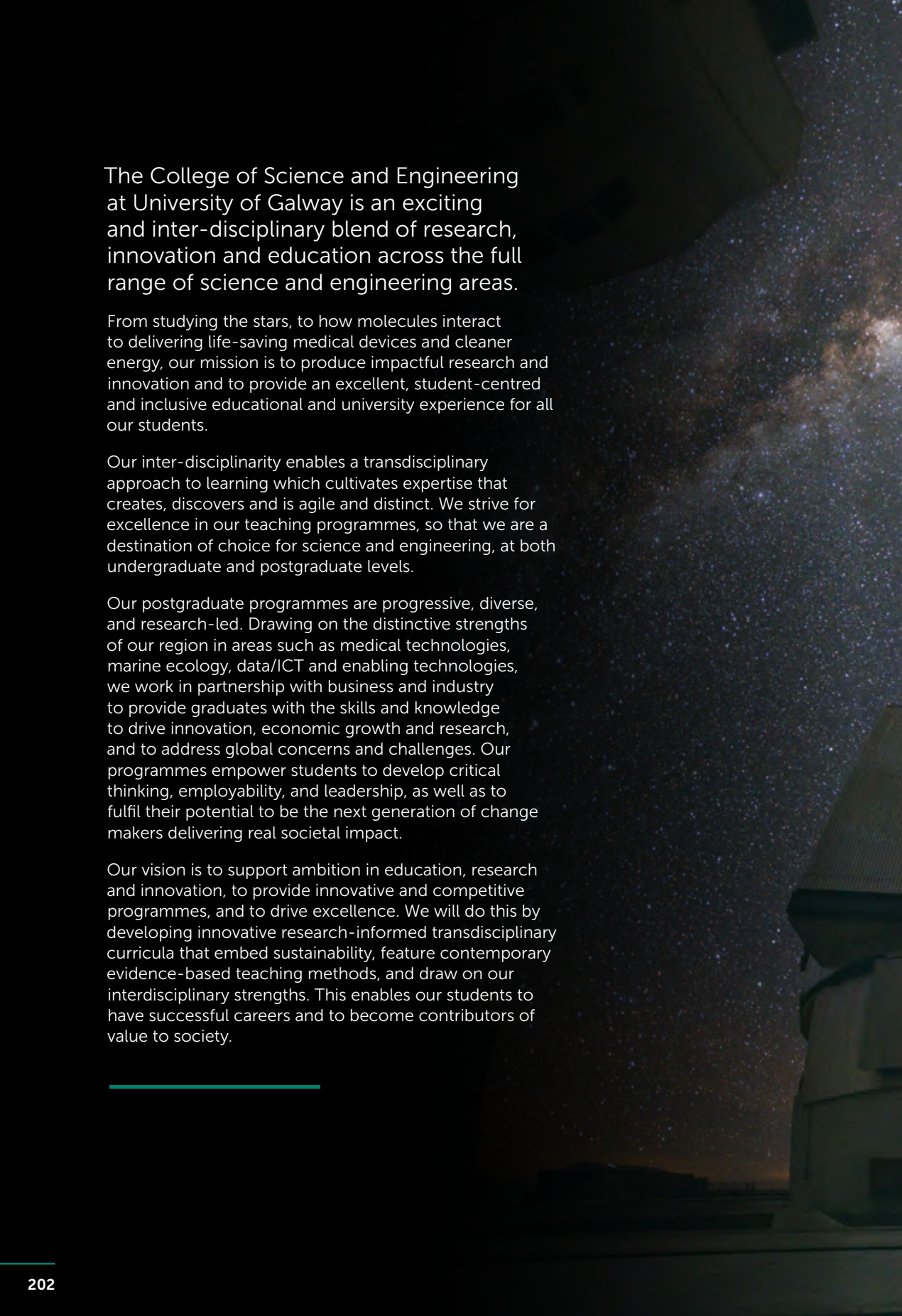
Working full time and also studying full time is a challenge. However, the online recorded lectures have been a saving grace. As I approach the end of Year Two, I can say with confidence that having this master's will outweigh any challenge I was faced with."

## Rebecca Moylan

MSc [Wound Healing  
and Tissue Repair]  
2nd year student







The College of Science and Engineering at University of Galway is an exciting and inter-disciplinary blend of research, innovation and education across the full range of science and engineering areas.

From studying the stars, to how molecules interact to delivering life-saving medical devices and cleaner energy, our mission is to produce impactful research and innovation and to provide an excellent, student-centred and inclusive educational and university experience for all our students.

Our inter-disciplinarity enables a transdisciplinary approach to learning which cultivates expertise that creates, discovers and is agile and distinct. We strive for excellence in our teaching programmes, so that we are a destination of choice for science and engineering, at both undergraduate and postgraduate levels.

Our postgraduate programmes are progressive, diverse, and research-led. Drawing on the distinctive strengths of our region in areas such as medical technologies, marine ecology, data/ICT and enabling technologies, we work in partnership with business and industry to provide graduates with the skills and knowledge to drive innovation, economic growth and research, and to address global concerns and challenges. Our programmes empower students to develop critical thinking, employability, and leadership, as well as to fulfil their potential to be the next generation of change makers delivering real societal impact.

Our vision is to support ambition in education, research and innovation, to provide innovative and competitive programmes, and to drive excellence. We will do this by developing innovative research-informed transdisciplinary curricula that embed sustainability, feature contemporary evidence-based teaching methods, and draw on our interdisciplinary strengths. This enables our students to have successful careers and to become contributors of value to society.

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# College of Science & Engineering

Where discovery and  
creativity collide to catalyse  
innovation and to drive  
transformational change.

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# Programmes

## Computer Science and Software Engineering

- 206 Cloud Computing and Software Development
- 207 Cybersecurity and Software Development
- 208 Computer Science–Artificial Intelligence
- 209 Computer Science–Artificial Intelligence (online, part-time)
- 210 Computer Science–Artificial Intelligence for Managers
- 211 Computer Science–Data Analytics
- 212 Data Analytics and Visualisation
- 213 Software Design and Development (HDip)
- 214 Software Design and Development (MSc)
- 215 Software Design and Development (External Stream)
- 216 Software Engineering
- 217 Software Engineering and Database Technologies

## Engineering, Physics, and Enabling Technologies

- 218 Astronomical Instrumentation and Technology
- 219 Biomedical Engineering (ME)
- 220 Biomedical Engineering (MSc)
- 221 Civil Engineering
- 222 Electrical and Electronic Engineering
- 223 Electronic and Computer Engineering
- 224 Energy Systems Engineering
- 225 Enterprise Systems
- 226 Key Enabling Technologies
- 227 Mechanical Engineering (ME)
- 228 Mechanical Engineering (MSc)
- 229 Medical Physics
- 230 Occupational and Environmental Health & Safety
- 231 Occupational Health and Safety (Top-Up)

## Entrepreneurship and Innovation

- 232 AgInnovation
- 233 Bioinnovation (MSc)
- 234 Bioinnovation (PDip)
- 235 Techinnovation

## Life and Biomedical Sciences and Chemistry

- 236 Biomedical Science
- 237 Biotechnology
- 238 Chemistry Research
- 239 Neuropharmacology
- 240 Toxicology

## Mathematics, Bioinformatics and Computational Genomics

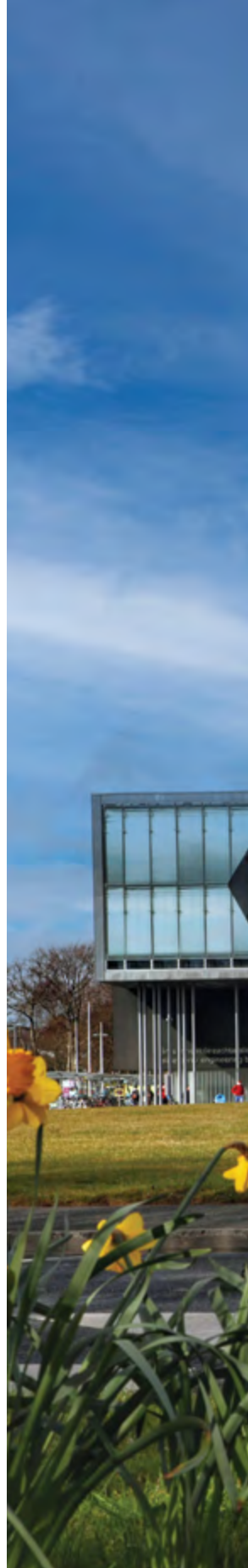
- 241 Applied Mathematics
- 242 Biomedical Genomics
- 243 Genomics Data Science
- 244 Health Data Science
- 245 Mathematics (MSc)

## Medical Technology Regulation and Quality Assurance

- 246 Medical Technologies Regulatory Affairs & Quality (Cert.)
- 247 Medical Technologies Regulatory Affairs and Operations (Cert.)
- 248 Medical Technology Regulatory Affairs (MSc)
- 249 Medical Technology Regulatory Affairs and Quality (HDip)

## Science of Sustainability

- 250 AgriBiosciences
- 251 Agrifood Sustainability and Technology
- 252 Biodiversity & Land Use Planning
- 253 Climate Change, Agriculture and Food Security
- 254 Environmental Leadership
- 256 Marine & Freshwater Resources: Management
- 257 Ocean, Atmosphere and Climate
- 258 Sustainable Environments
- 259 Sustainable Resource Management: Policy & Practice





## The Times Higher Education Impact Rankings:

Our college is proud to have played a leading role in driving University of Galway's contribution to the United Nations Sustainable Development Goals (SDGs).

- 69% of our indexed publications are aligned with the UN SDGs
- 26th Worldwide rank for UN SDG14 Life under Water
- 14th worldwide rank for UN SDG7 Affordable and Clean Energy
- 44th worldwide rank for UN SDG11 Sustainable Cities and Communities
- 44th worldwide rank for UN SDG03 Good Health and Wellbeing



## Clarivate Highly Cited Researchers:

Two of our professors in the College of Science & Engineering count among the Clarivate Highly Cited Researchers 2021 list.

Scientists explore  
and engineers  
create. Together,  
we discover and  
innovate



**A range of full-time and part-time research options (master's and PhD) is also available.**

Research institutes and centres are listed, starting on page 291. Information on research programmes is available, starting on page 296. Research programmes are listed, starting on page 297.

Potential candidates for PhD and MSc research should first find a suitable supervisor by visiting [www.universityofgalway.ie/findasupervisor](http://www.universityofgalway.ie/findasupervisor) and review information on the research application process, starting on page 301.



# Cloud Computing and Software Development

## Your Course

The Postgraduate Diploma in Cloud Computing and Software Development has been designed in consultation with start-up enterprises, SMEs and large multinationals to meet the challenges of reskilling and upskilling in a modern economy.

Two-year part-time Springboard+ online programme with awards of 60 ECTS in total.

This course provides:

- A solid foundation in key computing knowledge, including extensive experience with programming languages such as, Java, Java Enterprise, JavaScript (NodeJS) all at the level expected by industry.
- A specialisation in cloud computing, enabling you to build critical knowledge of cloud application development, as well as cloud infrastructures and platforms such as Google's Firebase and Amazon Web Service.
- A structure for industry collaboration, which allows industry to influence the development and training of participants, through an upgraded eight-month internship programme.

## Career Opportunities

A selection of roles that graduates will be eligible to apply for:

- Cloud Application Developer/Engineer
- Cloud Data Engineer
- Cloud Operations Engineer
- Software Developer/Engineer (Java, C#, Frontend JS)
- Backend Developer
- Database Analyst
- Software Analyst
- IT Manager
- Software Tester
- Automated Test Engineer
- DevOps Engineer

The career pathways are taken from an analysis of past graduates and the new Cloud Computing roles are sampled from those available from our partner companies.

## Minimum Entry Requirements

This programme is open to applicants from all backgrounds who hold an NQAI Level 8 qualification or equivalent. Persons who hold formal qualifications at Level 7 may also apply, subject to provision of satisfactory evidence of having attained Level 8 competencies through prior experiential learning (minimum of two years working in an IT role).

### FIND OUT MORE AT:

[www.universityofgalway/courses/taught-postgraduate-courses/cloud-computing-and-software-development.html](http://www.universityofgalway/courses/taught-postgraduate-courses/cloud-computing-and-software-development.html)

**PROGRAMMES AVAILABLE:** PDip

**DURATION:** 2 years, part-time

**NUMBER OF PLACES:** 50

**COURSE INSTANCE(S):** CCS1

### FEES AND FUNDING:

Funding is provided by the HEA through their Springboard+ initiative. 90% of the fee of €7,720 is covered with students only having to fund 10% themselves, i.e., €772.

**WHEN TO APPLY:** Check Springboard for details:

[www.springboardcourses.ie](http://www.springboardcourses.ie)



### CONTACT

Geraldine Healy  
Programme Administrator

**E:** [Geraldine.Healy@universityofgalway.ie](mailto:Geraldine.Healy@universityofgalway.ie)

Enda Barrett  
Programme Director

**E:** [Enda.Barrett@universityofgalway.ie](mailto:Enda.Barrett@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

**1.** Internship: The programme provides a substantial eight-month industry internship with our partners Cisco, Avaya, SAP, which will dramatically increase graduate employment prospects.

**2.** Online Delivery: Flexible online delivery with pre-recorded lectures allowing students to work full-time or part-time while completing the course.

**3.** Demand for graduates with skills in Cloud Computing and Software Development are at all time highs, with large starting salaries available.

Thinking about applying?



[www.springboardcourses.ie](http://www.springboardcourses.ie)

# Cybersecurity and Software Development

## Your Course

The Postgraduate Diploma in Cybersecurity and Software Development has been designed in consultation with start-up enterprises, SMEs and large multinationals to meet the challenges of reskilling and upskilling in a modern economy of the digital era.

Two-year part-time Springboard+ online programme with awards of 60 ECTS in total.

This course provides:

- A specialisation in Cybersecurity making participants aware of cyber threats, vulnerabilities and attacks, threat models, secure software development (DevSecOps), Crypto API, including programming languages such as, Java, Java Enterprise, JavaScript (NodeJS) and Python.
- A structure for industry collaboration, which allows the industry to influence the development and training of participants, through a dedicated eight-month internship programme.
- Significant placement/internship will allow participants to gain relevant experience and also provide industry partners with an opportunity to assess potential recruits.

## Career Opportunities

A selection of roles that graduates will be eligible to apply for:

- Application security engineer
- Network security/Cybersecurity engineers
- Cybersecurity specialists
- Cybersecurity Architect
- Information security, cybersecurity, or vulnerability analysts
- Penetration Tester
- DevSecOps engineer
- Software developer/engineer (Java, C#, Frontend JS)
- Backend developer
- Database analyst
- Software analyst
- IT manager
- Automated test engineer

The career pathways are taken from an analysis of past graduates and the new cybersecurity roles are sampled from those available from our partner companies.

## Minimum Entry Requirements

This programme is open to applicants from all backgrounds who hold an NQAI Level 8 qualification or equivalent. Persons who hold formal qualifications at Level 7 may also apply, subject to provision of satisfactory evidence of having attained Level 8 competencies through prior experiential learning (minimum of two years working in an IT role).

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/cybersecurity-and-software-development.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/cybersecurity-and-software-development.html)

**PROGRAMMES AVAILABLE:** PDip

**DURATION:** 2 years, part-time

**NUMBER OF PLACES:** 50

**COURSE INSTANCE(S):** CSS1

### FEES AND FUNDING:

Funding is provided by the HEA through their Springboard+ initiative. 90% of the fee of €7,720 is covered with students only having to fund 10% themselves, i.e., €772.

**WHEN TO APPLY:** Check Springboard for details:

[www.springboardcourses.ie](http://www.springboardcourses.ie)



### CONTACT

Geraldine Healy  
Programme Administrator  
**E:** [Geraldine.Healy@universityofgalway.ie](mailto:Geraldine.Healy@universityofgalway.ie)

Mamoona Asghar  
Programme Director  
**E:** [Mamoona.Asghar@universityofgalway.ie](mailto:Mamoona.Asghar@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

**1.** Internship: The programme provides a substantial eight-month industry internship with our partners Rapid 7, Cisco, IBM, HPE, and TitanHQ which will dramatically increase graduate employment prospects.

**2.** Online Delivery: Flexible online delivery with pre-recorded lectures allowing students to work full-time or part-time while completing the course.

**3.** Demand for graduates with skills in Cybersecurity and Software Development are at all time highs, with large starting salaries available.

Thinking about applying?



[www.springboardcourses.ie](http://www.springboardcourses.ie)

# Computer Science (Artificial Intelligence)

## Your Course

Artificial intelligence (AI) is one of the most exciting and fastest growing areas of information and communications technology (ICT) industry and research. It has the potential to positively transform every aspect of all our lives, from smart cities and autonomous vehicles, through to improved healthcare services and low-carbon economies.

The MSc in Computer Science—Artificial Intelligence is aimed at graduates with a primary qualification in computer science or related subject area. It is not a conversion course, but expects students to be already at a very high technical standard with regard to their Computer Science education.

This full-time programme is taught by renowned, interdisciplinary University of Galway experts in the field. It covers, over two semesters, many complementary areas of AI, including deep learning, natural language processing, optimisation, knowledge representation, and multi-agent systems. Furthermore, students reinforce their newly gained skills in a 30-credit project that is completed during the summer. Here students may have the opportunity to collaborate with a research group or with an industry partner.

## Career Opportunities

AI skills will be required in every industry and could create—according to a recent Forbes report—up to 22 million new jobs globally by 2022. The World Economic Forum estimates that by 2025 machines are expected to perform more current work tasks than humans, compared to 71% being performed by humans today, and their recent report concludes that AI, robotics, and smart automation technology could contribute up to \$15 trillion to global GDP by 2030. Within the AI space, there is a diversity of jobs requiring various levels of expertise.

## Minimum Entry Requirements

**Prior Qualification:** This MSc is targeted at high-performing graduates of Level 8 computer science programmes, or Level 8 science/engineering programmes that offer sufficient training in computing. The minimum academic requirement for entry to the programme is a First Class Honours (or equivalent) from a recognised university or third-level college. However, a good Second Class Honours (or equivalent) can be deemed sufficient on the recommendation of the programme director.

**English Language Proficiency:** Overall, entry to the MSc requires a minimum IELTS score of 6.5, with no less than 6.5 in the writing ability category and no less than 6.0 in the other categories.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/computer-science-artificial-intelligence.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/computer-science-artificial-intelligence.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 40

**COURSE INSTANCE(S):** 1MA11

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Programme Administrator

**T:** +353 91 493 836

**E:** MScCS-AI@universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

1. AI is one of the most exciting and fastest growing areas of ICT industry and research with many job opportunities.
2. Our students are taught by renowned, interdisciplinary University of Galway experts in the field that cover many complementary areas of AI.
3. AI has the capacity to provide intelligent solutions that can help us to tackle many of today's greatest societal challenges.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Computer Science

(Artificial Intelligence, online, part-time)

## Your Course

Artificial Intelligence (AI) has been at the forefront of computer science research for over 50 years. In recent years a confluence of breakthroughs in hardware capability and insights into algorithm design have made the early promise of intelligent machines a reality. AI is one of the fastest growing areas of Information and Communications Technology (ICT) industry and research. It has the potential to positively transform every aspect of all our lives: smart cities, precision agriculture, optimised transport, self-driving cars, automated healthcare, product recommendation, games, and artificial creativity.

This programme is aligned to the research expertise of the School of Computer Science and Data Science Institute, including international research leaders in the areas of Machine Learning, Natural Language Processing, Metaheuristic Optimisation, Artificial Creativity, and more.

The programme is taught over two years and is delivered completely online using state-of-the-art technologies and techniques to support the virtual classroom. Students are not required to attend classes on campus, but on-campus end-of-semester exams are used. Students also have the opportunity to choose from several optional online modules on offer from our partner in this programme, Dublin City University (DCU).

## Career Opportunities

This innovative online MSc will equip the student with state-of-the-art knowledge and practical skills that are increasingly sought after in industry today.

## Minimum Entry Requirements

This MSc is targeted at people currently working in industry in Ireland who wish to significantly deepen their computing skills through a specialisation in AI. Candidates must have a strong Level 8 2.2 computer science degree or a strong Level 8 2.2 science/engineering degree that provides extensive training in computing. Candidates who do not meet this requirement but are deemed by the programme director to have reached an equivalent standard will also be considered. Candidates must be EU/EEA nationals or working in Ireland on an Irish Employment Permit.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/online-artificial-intelligence.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/online-artificial-intelligence.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 2 years, part-time

**NUMBER OF PLACES:** 35

**COURSE INSTANCE(S):** 1MAO2

## FEES AND FUNDING:

This course is part-funded by Technology Ireland ICT Skillnet under the Training Networks Programme of Skillnet Ireland and by member companies. Fees subsidised by ICT Skillnet at €2,950 per annum

**CLOSING DATE:** 23 July 2023



## FOR MORE INFORMATION

**E:** [info@ictskillnet.ie](mailto:info@ictskillnet.ie)  
Or visit [www.ictskillnet.ie](http://www.ictskillnet.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. AI is a topic of enormous interest and relevance to all aspects of work and society.
2. There is a global shortage of talent and expertise in AI, data analytics and data science.
3. This part-time MSc is taught online.

## Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Computer Science

## (Artificial Intelligence for Managers)

### Your Course

The course is fully online, over two semesters. We use asynchronous delivery to suit business leaders' schedules, through videos, readings, exercises, discussion boards, group work, and more, with optional synchronous video sessions. We emphasise continuous assessment. Students will deliver multiple assessment items over the year, with limited use of exams. Students will customise projects to opportunities in their own companies.

### Career Opportunities

The field of artificial intelligence (AI) continues to grow very quickly, as techniques which have been proposed over decades are finally being shown to work. Milestones and grand challenges are being achieved. There is no prospect of AI growth slowing in the coming decades. Business leaders need to know how to strategise, envision projects, and hire and manage teams, without needing to become programmers.

### Minimum Entry Requirements

Strong Level-8 undergraduate degree, not necessarily in computer science. (Work experience may be considered as an alternative.) Must be working in industry in Ireland at an appropriate level (management or transitioning to management).

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/artificial-intelligence-for-managers.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/artificial-intelligence-for-managers.html)

### PROGRAMMES AVAILABLE:

PgCert

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 20

**FEES AND FUNDING:** Fees are €4,950, subsidised by ITAG Skillnet.

**WHEN TO APPLY:** Please contact Dr Patrick Mannion and/or ITAG Skillnet for application information.

**COURSE INSTANCE(S):** 1A1M1



### CONTACT

Dr Patrick Mannion

**E:** [patrick.mannion@universityofgalway.ie](mailto:patrick.mannion@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

1. Online, part-time, small-class experience, tailored to business leaders
2. University of Galway School of Computer Science has a long track record of research excellence, teaching excellence, and industry collaboration, all in AI.
3. Students will study AI fundamentals and use cases, data analysis and visualisation, strategy and transformation, ethics and law for AI, and the future of AI.

Thinking about applying? Contact:



**E:** [patrick.mannion@universityofgalway.ie](mailto:patrick.mannion@universityofgalway.ie)



# Computer Science

## (Data Analytics)

### Your Course

Almost everything we do results in data being created and stored somewhere. Individuals, communities, businesses and governments face major challenges in harnessing all this data to create knowledge that will underpin a healthier, safer, more productive world. There is a global shortage of talent and expertise in data analytics and data science. This MSc programme will provide graduates of computing or related degrees with the deep technical knowledge and analytical skills to succeed in this growth area. This is a highly technical programme that is aimed at those who already are mathematically strong, and clearly able to demonstrate a strong technical proficiency with respect to advanced programming techniques.

### Course Content

This advanced 90 ECTS master's programme has three main elements: core modules (40 ECTS), optional modules (20 ECTS), and a substantial capstone project (30 ECTS). Some of the topics covered across the modules include: Principles of Machine Learning, Programming for Data Analytics, Statistics, Probability, Natural Language Processing, Tools for Large Scale Data Analytics, Web and Network Science, Deep Learning, Knowledge Graphs and Information Retrieval. These modules are all delivered by renowned University of Galway researchers and academics who are regarded as among the best internationally in their respective topic specialisms.

### Career Opportunities

Graduates will be excellently qualified to pursue new career opportunities in industry, to establish new ventures, or to progress on to PhD-level research. Graduates of this programme are highly sought after both nationally and internationally due to the reputation of the programme, and remuneration packages are equally competitive among our graduates.

### Minimum Entry Requirements

**Prior Qualification:** This MSc is targeted at high-performing graduates of Level 8 computer science programmes, or Level 8 science/engineering programmes that offer sufficient training in computing. The minimum academic requirement for entry to the programme is a First Class Honours (or equivalent) from a recognised university or third-level college. However, a good Second Class Honours (or equivalent) can be deemed sufficient on the recommendation of the programme director.

**English Language Proficiency:** Overall, entry to the MSc requires a minimum IELTS score of 6.5, with no less than 6.5 in the writing ability category and no less than 6.0 in the other categories.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/msc-in-computer-science-data-analytics.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/msc-in-computer-science-data-analytics.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 50

**COURSE INSTANCE(S):** 1CSD1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Programme Administrator

**T:** +353 91 493 836

**E:** MScCS-DA@universityofgalway.ie



### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Closely aligned to the research and teaching expertise of the discipline of Information Technology and the Data Science Institute at University of Galway.
- 2.** Graduates from this course have demonstrated excellent employment prospects.
- 3.** CNN lists jobs in the data analytics area in its 'Top 10 best new jobs in America'.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Data Analytics and Visualisation

## Your Course

This course is a conversion course to enable graduates to take up the increasing opportunities to work as data analysts, who are in demand across multiple sectors, including financial, government, manufacturing, food, health and media. The course emphasises the development of strong theoretical and applied foundations, and has a number of core elements: immersion in fundamental database and software development techniques; a solid foundation in statistical and analysis methods; expertise in data analysis, visualisation and business intelligence using leading-edge tools and programming languages; a capstone project to deepen and demonstrate students' acquired skills; and a significant placement/internship allowing participants to gain relevant experience and also provide industry partners with an opportunity to assess potential recruits.

## Career Opportunities

The Higher Diploma in Data Analytics responds to a strong and growing demand for graduates with skills in data analysis across all industry sectors. Every industry has seen a huge growth in the amount of data they generate and collect, which represents a very valuable resource for companies. Demand for workers with specialist data skills, like data scientists and data engineers, has increased dramatically over the past five years according to recent surveys. Skills Ireland estimates a demand for big data/ analytics roles to the tune of up to 62,000 in Ireland by 2020. Roles that will be suitable for graduates of this programme include: data analysts; data visualisation specialists; data engineers; data scientists; business analytics specialists; and business intelligence developers.

## Minimum Entry Requirements

Applicants are normally required to hold a minimum of a Level 8 honours qualification (2.2 or higher) or equivalent in a cognate discipline. Graduates with a Level 7 degree and relevant practical industry experience in the area of computing and information technology will also be considered. Graduates from non-STEM (Science, Technology, Engineering, and Mathematics) disciplines such as languages will be welcomed, but will need to demonstrate an aptitude for logical thinking and problem-solving. The application process will include interviews and/or aptitude tests, given that the work placement is a key element of the programme.

The programme is in line with the University Policy for Recognition of Prior Learning (RPL) in that it recognises prior academic qualifications. The aim of this initiative is to provide graduates with the opportunity to acquire qualifications for employment in the data analytics field. RPL applications are also welcome and can be completed by contacting the programme director.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/data-analytics-and-visualisation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/data-analytics-and-visualisation.html)

**PROGRAMMES AVAILABLE:** HDip

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1DAV1

## FEES AND FUNDING:

This programme is funded by the Higher Education Authority Human Capital Initiative, Pillar 1, Graduate Conversion initiative. For those applying who are in employment, the HEA will fund 90% of the course fee, with the balance to be provided by the applicant or her/his employer. Recent graduates will also pay 10% of the cost of the course.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Adrian Clear

**E:** [adrian.clear@universityofgalway.ie](mailto:adrian.clear@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** This course is ideal for graduates looking to take advantage of employment opportunities in the exciting new field of Data Analytics.
- 2.** The course is delivered through a blended learning approach, with a significant work placement component allowing participants to gain relevant experience.
- 3.** It ensures that participants develop strong theoretical and applied foundations to ensure they are capable of applying statistics, computing and data visualisation techniques to solve real industry and business problems.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Software Design and Development (HDip)

## Your Course

This one-year Higher Diploma is aimed at candidates with little or no information technology (IT) experience. It provides an academic foundation and broad technical training in software design and development. The skills developed in this programme include the core software development tools and techniques as well as a solid grounding in a specific information and communications technology (ICT) domain.

The programme's modules comprise:

- Databases;
- Software Engineering;
- Algorithms and Logical Methods;
- Object-Oriented Programming;
- Internet Programming;
- Computer Architecture and Operating Systems;
- Computer Communications;
- Software Design & Development Project.

## Career Opportunities

Opportunities exist in various industries, ranging from web design, gaming and banking to telecommunications, health and the energy sector. Companies/organisations that have recruited graduates recently include Cisco, Galway; HP, Galway; and DCM Compliance, Limerick.

## Minimum Entry Requirements

This programme is open to applicants who have a Level 8, 2.2 degree (or equivalent international qualification) from a recognised university or third-level college.

**English Language Proficiency:** Overall, entry to the MSc requires a minimum IELTS score of 6.5, with no less than 6.5 in the writing ability category and no less than 6.0 in the other categories.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/software-design-development.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/software-design-development.html)



## PROGRAMMES AVAILABLE:

HDip (Level 8)

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1SD1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

**1. Transfer options:** Students may transfer to the MSc in Software Design and Development (GYE03) subject to places being available. An interview and achievement of a minimum 2.1 result in the Higher Diploma is required.

**2.** It provides students with a solid foundation in ICT and thus prepares them for an exciting career across very diverse domains—entertainment, enterprise, communications, finance, education, etc.

**3.** The MSc in Computer Science in Data Analytics is open to graduates who achieve a H1 result in the Higher Diploma.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Software Design and Development (MSc)

## Your Course

This two-year (Level 9) MSc is aimed at candidates with little or no information technology (IT) experience who want to pursue a career in the IT industry. The skills developed in this programme include the core software development tools and techniques as well as a solid grounding in research and its application in a specific information and communications technology (ICT) domain.

The first year follows the normal academic cycle of lectures and laboratory sessions/tutorials, and provides students with a thorough foundation in IT skills. Time will also be spent on developing research interests/skills to prepare students for their second year, during which they will conduct a research project and submit a thesis on their findings.

The programme's modules comprise:

- Databases;
- Software Engineering;
- Algorithms and Logical Methods;
- Object-Oriented Programming;
- Internet Programming;
- Computer Architecture and Operating Systems;
- Computer Communications.

## Career Opportunities

A variety of opportunities are open to graduates in the software industry or in a range of other sectors, such as telecommunications, medical informatics, energy informatics, digital media, banking, and consulting. Many graduates continue with careers related to their specialised field of research. Companies/organisations that have recruited graduates recently include Fidelity Investments, Galway; Cisco, Galway; SAP, Galway; Hewlett Packard, Galway; and Ericsson, Athlone.

## Minimum Entry Requirements

Candidates must have a minimum 2.1 honours (Level 8) undergraduate degree (or equivalent international qualification). If applicable, applicants require a GPA score of 3.0 (or equivalent international qualification).

**English Language Proficiency:** Overall, entry to the MSc requires a minimum IELTS score of 6.5, with no less than 6.5 in the writing ability category and no less than 6.0 in the other categories.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/software-design-development.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/software-design-development.html)

### PROGRAMMES AVAILABLE:

MSc

**DURATION:** 2 years, full-time. Students can choose to exit the programme with a HDip upon successful completion of Year 1.

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MF1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** It provides applicants with both a solid foundation in ICT in Year One, and specialist research and applied skills in their chosen research area in Year Two.
- 2.** It provides a stepping stone to an exciting career either in research or across very diverse applied domains—entertainment, enterprise, communications, finance, education, etc.
- 3.** It can very much complement existing graduate qualifications, resulting in highly sought after skill sets, e.g., data science.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Software Design and Development (External Stream)

## Your Course

This course is aimed at students who have already obtained a Level 8 postgraduate qualification in information technology (IT) and are interested in pursuing an MSc qualification. A distance learning programme, it suits candidates who are in full-time employment and/or living abroad. The programme is in line with the University Policy for Recognition of Prior Learning in that it recognises prior academic qualifications.

## Career Opportunities

A variety of opportunities are open to graduates in the software industry or in a range of other sectors, such as telecommunications, medical informatics, energy informatics, digital media, banking, and consulting. Many graduates continue with careers related to their specialised field of research. Companies/organisations that have recruited graduates recently include: Fidelity Investments, Galway; Cisco, Galway; SAP, Galway; Hewlett Packard, Galway; and Ericsson, Athlone.

## Minimum Entry Requirements

This programme is available to students who have completed an accredited (subject to approval by Engineering and Informatics), Level 8 (60 ECTS) postgraduate qualification in computer science or IT. This qualification can relate to academic programmes or accredited industry-sponsored qualifications. Potential candidates must have achieved the equivalent of a Second Class Honours, Grade 1 (2.1) (or better) in their postgraduate qualification.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/software-design-development.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/software-design-development.html)

### PROGRAMMES AVAILABLE:

MSc

**DURATION:** Typically 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 2MF2

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** It allows participants to build on their Higher Diploma and deepen their knowledge base over a one-year period, resulting in an MSc qualification.
- 2.** With company support, it allows participants to undertake extensive research in a domain that is directly related to their work, thus providing a win-win for both stakeholders.
- 3.** The course requires minimal visits on campus over the 12-month period but yet provides access to all campus facilities for participants, if required, to conduct their research.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Software Engineering

## Your Course

This fully online diploma (NFQ Level 8) provides a focused programme of study in the area of software design and development, providing an insight into technical skills and modern industry techniques. Computer programming and design are taught in the diploma, as well as a number of important software engineering methodologies. This programme is part-time and runs over one year. You will study one online module every eight weeks. Rather than being a general-purpose award in computing, the intention of this diploma programme is to provide a coherent and complementary set of in-depth modules which bring the student up to speed on relevant software development tools and techniques. A full list of core and elective modules is available at [itonline.universityofgalway.ie](http://itonline.universityofgalway.ie).

**Progression opportunities:** Graduates receive a diploma, and they can progress to Year Two of MScSED (see page 217).

## Career Opportunities

The software industry includes businesses involved in the development, maintenance and publication of computer software, as well as software services such as training, documentation, and consulting. At the heart of this industry is the activity of actually building and producing computer software, which is the emphasis of this diploma. Opportunities for software developers are excellent within Ireland and internationally.

## Minimum Entry Requirements

This degree is open to degree graduates (Level 7 or higher) and to those otherwise satisfying the postgraduate entry standards. An IELTS score of 6.5 or equivalent international qualification will be required, if applicable. See <http://itonline.universityofgalway.ie> for details.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/softwareengineeringdip](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/softwareengineeringdip)

## PROGRAMMES AVAILABLE:

Diploma

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 45

**COURSE INSTANCE(S):** 1DSE1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** The Diploma in Software Engineering starts in September. Apply from February.



## CONTACT

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Majella O'Dea | IT Online

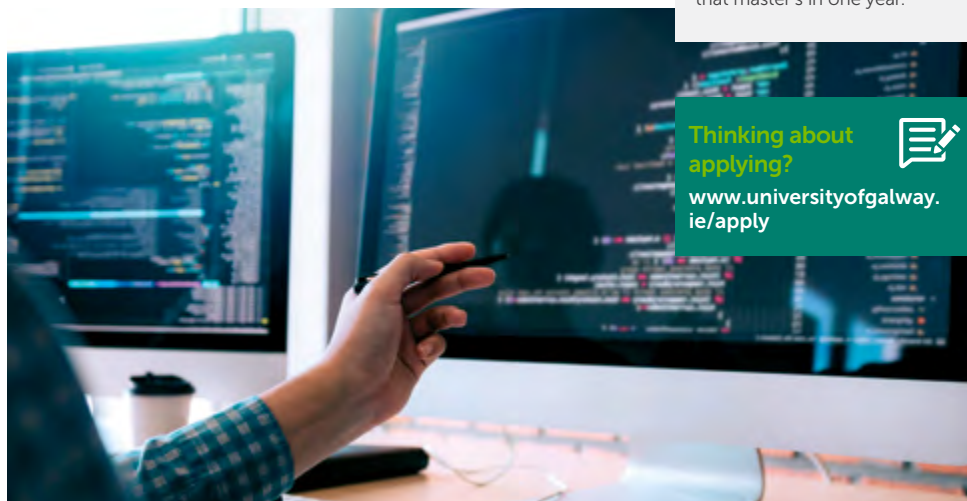
**T:** +353 91 495 041

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The diploma is part-time, and is delivered and examined in a fully online environment.
- 2.** It provides maximum flexibility for students in terms of their location and work schedules.
- 3.** The student can move to Year Two of the MSc Software Engineering & Database Technology (MScSED) after this diploma, in order to complete that master's in one year.



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Software Engineering and Database Technologies

## Your Course

The aim of this programme is to develop your career with an innovative MSc in Software Engineering and Database Technologies. This tailor-made programme will advance your knowledge of software development and database systems. This wholly online course is particularly suited to people who are working or who have other daytime commitments.

The programme is part-time and runs over two years. You will study one online module every eight weeks, and in addition, you will research and write a thesis during your second year. The programme content is extensive and varied, and includes both mandatory and optional modules. See <http://itonline.universityofgalway.ie>.

## Career Opportunities

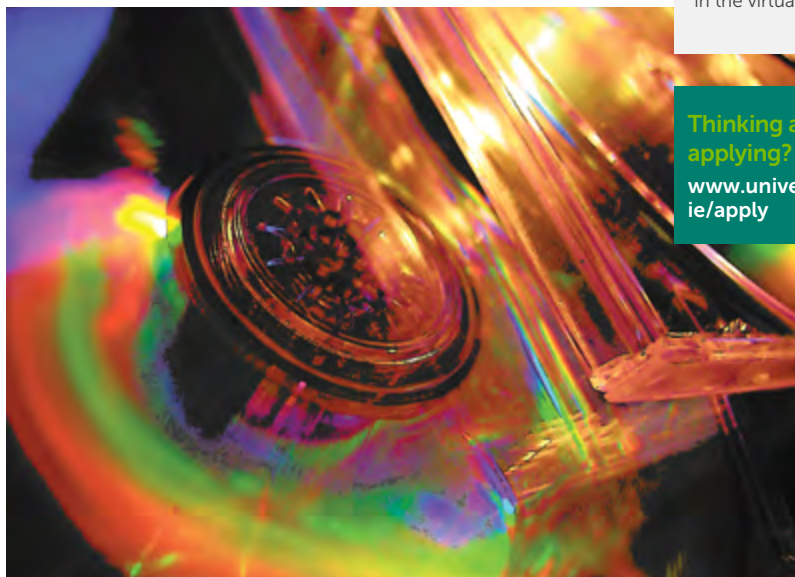
Information technology (IT), in general, and software/database design and development, in particular, are success stories in the Irish economy. This course will equip you to participate in this vibrant, international industry. Since IT is crucial in every sector, many of our graduates also have used the course for career advancement and progression within their current employment field.

## Minimum Entry Requirements

This degree is open to honours degree graduates (Level 8) or Level 7 graduates with three or more years of experience and to those otherwise satisfying the postgraduate entry standards. An IELTS score of 6.5 or equivalent international qualification will be required, if applicable. See [itonline.universityofgalway.ie](http://itonline.universityofgalway.ie) for details.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/software-engineering-database-technologies.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/software-engineering-database-technologies.html)



### PROGRAMMES AVAILABLE:

MSc (or CPD, modular credit)

**DURATION:** 2 years, part-time

**NUMBER OF PLACES:** 45

**COURSE INSTANCE(S):** 1SED1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** See website.

*The MScSED starts in August.*



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The course is part-time, and is delivered and examined in a fully online environment.
- 2.** It provides maximum flexibility for students in terms of their location and work schedules.
- 3.** We apply a limit on class size so that students can get the best out their interactions in the virtual classroom.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Astronomical Instrumentation and Technology

## (Structured Master's: Research)

### Your Course

This is an exciting time for research in both ground- and space-based astronomy, with our understanding of the universe advancing at an unprecedented pace. This revolution is happening thanks to the use of many different advanced technologies, including adaptive optics, interferometry and large telescopes. This development will accelerate in the coming years with the construction of 'Extremely Large Telescopes', and new Space Telescopes as well as their highly complex suites of instruments. This course has been specifically designed to launch students into careers in this field. As a structured master's it will include mandatory modules in astronomical instrumentation, modern astrophysical discoveries, and optics as well as a choice of modules in engineering and transferable skills. Students will also carry out a year-long research project, developing their capacity to carry out research at postgraduate level.

### Career Opportunities

Astronomical instrumentation uses and develops cutting-edge technology in electronics, optics, computing and mechanical structures. There is increasing demand for students and engineers who have an understanding of these technologies. This master's provides advanced courses, which, together with an instrumentation-related research thesis, will train students to a high level in these areas. Graduates of the MSc programme will be in demand by national and international technological industries as well as by research institutes, observatories and university research groups.

### Minimum Entry Requirements

2.1 degree in physics or relevant engineering discipline. Candidates are required to provide a full CV, personal statement, and the names of two academic references.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/astronomical-instrumentation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/astronomical-instrumentation.html)

### PROGRAMMES AVAILABLE:

Structured Research Master's

**DURATION:** 1 year

**NUMBER OF PLACES:** 12

**COURSE INSTANCE(S):** 1AIT1, full-time; 1AIT2, part-time

**FEES AND FUNDING:** See [www.universityofgalway.ie/courses/fees-and-funding/fees.html](http://www.universityofgalway.ie/courses/fees-and-funding/fees.html)

**CLOSING DATE:** Typically at the end of June, although late applications may be considered if places are available.



### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE

1. Closely aligned to the research and teaching expertise of the discipline of Information Technology and the Data Science Institute at University of Galway.
2. Together with thesis research the course will introduce students to cutting-edge advances in astronomical research.
3. The combination of advanced modules and research will effectively bridge the gap between undergraduate study and a PhD.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Biomedical Engineering (ME)

## Your Course

The ME (Master of Engineering) programme in Biomedical Engineering is designed to give advanced technical, analytical, and transferrable knowledge and skills in biomedical engineering to graduates who already hold an undergraduate degree in engineering.

The programme is delivered over one academic year and consists of approximately eight taught modules, involving the ongoing and world-class biomedical research at University of Galway, and a 20 ECTS thesis project. This medical device based project is conducted in partnership with the highly successful BioInnovate programme and focuses on developing advanced technical knowledge and skills and real-world implementation of these in terms of innovation, commercialisation and business development.

**Important information re the level of the ME qualification and students' satisfaction of accreditation requirements is provided on the course website.**

The ME is designed to allow engineering graduates who hold an internationally recognised degree (under the Washington Accord) to meet the criteria for Chartered Engineer professional accreditation (by Engineers Ireland) under the European Framework Standards for engineering accreditation. The programme is closely related to the MSc in Biomedical Engineering which is aimed at applicants who do not hold the required engineering undergraduate qualification.

The ME programme is interdisciplinary in nature; it is based around our core teaching and research expertise in biomedical engineering and is enhanced by direct links with other engineering disciplines, science, and medicine. We work closely with our industrial partners in the medical device hub centred around Galway.

## Career Opportunities

Graduates will be readily employable in the medical technology (e.g., devices and implants) and cognate high-tech industries (e.g., microelectronics, pharmaceuticals). In the medical technology industry in particular, employment roles will include research and development (R&D), design assurance, manufacturing and production, quality assurance, and regulatory affairs. Graduates will also be ideally qualified to undertake PhD-level research, leading to employment in the academic and industrial research sectors.

## Minimum Entry Requirements

Entry to the ME programme is open to individuals who have Second Class Honours, Grade 2 (H2.2), in an accredited Level 8 engineering degree in a related discipline, or equivalent, from a recognised university or third-level college.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/biomedical-engineering-me.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/biomedical-engineering-me.html)

**PROGRAMMES AVAILABLE:** ME

**DURATION:** 9 months, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MEB1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Biomedical Engineering  
Administrator

**E:** [biomedeng@universityofgalway.ie](mailto:biomedeng@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The thesis project provides graduates with excellent experience in the formulation, design, analysis, and production of novel medical device solutions to emerging clinical needs.
- 2.** Our graduates have excellent career opportunities and are targeted for recruitment by major medtech industries in Galway, Ireland, and Europe.
- 3.** Our accredited Master of Engineering degree provides graduates with a professional title that is recognised and accepted internationally.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Biomedical Engineering (MSc)

## Your Course

The MSc in Biomedical Engineering is designed to provide an advanced educational experience in biomedical engineering. The programme focuses on developing advanced technical knowledge and skills, coupled with real-world implementation through research and innovation. Combining a substantial research component with instruction through taught modules and a significant project-based learning component, the aim of the programme is to generate the future leaders of the international medical technology industry, academic research, and teaching in biomedical engineering. The programme builds on the already highly successful BE and ME programmes in Biomedical Engineering at University of Galway. It combines state-of-the-art graduate level taught modules with modern medical technology research. The programme is closely related to the ME in Biomedical Engineering, but is broader in scope and also includes a substantial one-year 30 ECTS research thesis. The MSc is specifically designed to appeal to Irish and global students with a variety of relevant educational backgrounds, particularly those who have a strong foundation in mathematics and engineering from their undergraduate education.

## Career Opportunities

Graduates will be excellently qualified to pursue new career opportunities in industry, to establish new ventures, or to progress on to PhD-level research. Graduates of this programme are highly sought after both nationally and internationally due to the reputation of the programme, and remuneration packages are equally competitive among our graduates.

## Minimum Entry Requirements

Entry to the MSc programme is open to individuals who have Second Class Honours, Grade 1 (H2.1), in a Level 8 engineering degree in a related discipline, or equivalent, from a recognised university or third-level college.

Factors taken into account in determining admission will include the specific content of the undergraduate degree (with a particular focus on prior learning in engineering/mathematics/physics), the applicant's performance, and the availability of places.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/biomedical-engineering-msc.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/biomedical-engineering-msc.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 calendar year, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MBM1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Biomedical Engineering  
Administrator

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. The programme produces top-quality biomedical engineers that meet the needs of the rapidly evolving biomedical device sector.
2. Galway city is a hub for start-up and multinational medical device companies, and there are employment opportunities in these exciting environments.
3. The master's thesis project requires students to derive innovative solutions for healthcare problems through a combination of both engineering and biology.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Civil Engineering

## Your Course

The 60 ECTS ME in Civil Engineering is a broad, design-focused, Level 9 programme tailored to meet both the educational requirements for progression to Chartered Engineer status and the diverse needs of a progressive, modern civil engineering practice. Students will strengthen their core knowledge with modules on a range of advanced civil engineering topics, while improving their versatility and leadership potential as engineers through transferrable skills and personal development modules. The integrated-design team project is a unique feature of the programme; students take on a real-world design challenge with support from practising engineers. Research experience is gained through a minor thesis, with access to laboratory facilities in the award-winning Engineering Building, Ireland's largest engineering education facility. **Important information re the level of the ME qualification and students' satisfaction of accreditation requirements is provided on the course website.**

## Career Opportunities

This degree programme is ideally suited to a civil engineer with an honours (Level 8) undergraduate degree who wishes (i) to become more competent in advanced civil engineering topics and (ii) to accelerate to positions of leadership within an organisation. Many employers are expressing a preference for ME graduates over BE graduates due to their advanced problem-solving skills and versatility. Graduates of the programme will be capable of following challenging career paths in any branch of civil engineering, including consulting, contracting, and research and development.

## Minimum Entry Requirements

Entry to the programme is open to individuals who have Second Class Honours in a Level 8 engineering degree in a related discipline from a recognised university or third-level college. Factors taken into account in determining admission will include the specific content of the undergraduate degree, the applicant's performance and the availability of places.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/civil-engineering.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/civil-engineering.html)



**PROGRAMMES AVAILABLE:** ME

**DURATION:** 9 months, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1MEC1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The ME programme in Civil Engineering at University of Galway received full accreditation by Engineers Ireland in 2018, and therefore enjoys international recognition through the Washington Accord.
- 2.** Many of the research projects taken on the ME are aligned with PhD projects, guaranteeing high-quality research on topics of national and international importance.
- 3.** Graduates of this programme have been employed immediately upon completing this course.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Electrical and Electronic Engineering

## Your Course

This full-time programme will enable BE (Level 8) graduates to advance and focus their engineering knowledge toward a career in industry or research based on electrical/electronic applications. It is at Level 9 in the Irish qualifications system and it satisfies Engineers Ireland's education standard for Chartered Engineer status. **Important information re the level of the ME qualification and students' satisfaction of accreditation requirements is provided on the course website.** The ME has three primary elements: (i) advanced core modules in Electrical and Electronic Engineering; (ii) an individual capstone project; and (iii) modules on transferrable skills and professional development. The core Electrical and Electronic advanced technical modules are in topics covered by our research priorities of: Embedded Systems Design; Signal Processing and Communications; Power Electronics and Energy Conversion; and Biomedical, Biometrics; and Bio-inspired Electronics. Available modules in the area of transferable skills include: Financial Management; Engineering Research Methods; Introduction to Regulatory Affairs; Human Reliability; and Technology, Innovation and Entrepreneurship.

## Career Opportunities

This degree programme is ideally suited to the electrical/electronic engineer who wishes to become more competent in advanced electrical and electronic engineering topics. Graduates of the programme find progressive career opportunities in all branches of electrical and electronic engineering, including power electronics, energy, biomedical electronics, microelectronics or automotive systems. The combination of modules on advanced technologies and transferable skills prepares graduates for roles in industry, consultancy and contracting, or further research. As an accredited (Level 9) programme, it has international recognition through the Washington Accord.

## Minimum Entry Requirements

Entry to the programme is open to individuals who have Second Class Honours in a Level 8 degree in a related discipline from a recognised university or third-level college. Factors taken into account in determining admission include the specific content of the undergraduate degree, the applicant's performance, and the availability of places.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/electrical-electronic-engineering.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/electrical-electronic-engineering.html)

**PROGRAMMES AVAILABLE:** ME

**DURATION:** 9 months, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MEE1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. This programme is offered within the purpose-built Alice Perry Engineering Building, a 14,200-square-metre, modern, energy-efficient facility, and the largest School of Engineering in the country; it is equipped with an extensive range of high-tech laboratory facilities in electrical and electronic engineering.
2. The programme will be delivered by staff members who are world leaders in research and industry interaction.
3. You can select a project in Electrical and Electronic Engineering on any state-of-the-art topic covered by our research priorities.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Electronic and Computer Engineering

## Your Course

This ME is designed as a follow-on to a Level 8 (honours) degree in Electronic & Computer Engineering or equivalent. It allows graduates to develop advanced, industry-relevant skills in a range of topics in Electronic & Computer Engineering, providing them with a Level 9 qualification that satisfies Engineers Ireland's criteria for chartered status. **Important information re the level of the ME qualification and students' satisfaction of accreditation requirements is provided on the course website.** Students can choose from a range of transferable skills modules that enable them to develop skills in business, innovation and regulatory and research methods, while also providing options in advanced mathematical techniques and information technology. These modules will prepare students for life-long learning and development in a professional engineering career, either in industry or in a research environment. Advanced technology modules provide students with a range of electronic and computing technology topics designed to complement proposed research project areas, such as: signal and image processing, embedded systems, sensor systems for biomedical applications, communications systems, automotive applications, the internet of things, and advanced system-on-chip technologies.

## Career Opportunities

Graduates of this programme will be well qualified to pursue careers in industry and academic research, and will be equally comfortable working in the software and hardware industries. Numerous opportunities exist for graduates of this programme in industries ranging from large multinationals to indigenous companies, state bodies, and small businesses. Graduates may also wish to join or form their own start-up businesses, as many of our graduates have, successfully, in the past.

## Minimum Entry Requirements

Entry to the programme is open to individuals who have Second Class Honours in a Level 8 (or equivalent) degree in a related discipline from a recognised university or third-level college. Factors taken into account in determining admission will include the specific content of the undergraduate degree, the applicant's performance and the availability of places.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/electronic-computer-engineering.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/electronic-computer-engineering.html)



**PROGRAMMES AVAILABLE:** ME

**DURATION:** 9 months, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MECE1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Martin Glavin  
**T:** +353 91 492 035  
**E:** martin.glavin@universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The programme provides extensive career opportunities.
- 2.** Teaching staff are experienced researchers, and experts in their respective fields.
- 3.** You can select a project topic based on your personal interests and also avail of the expertise of the academic staff who perform cutting-edge research in a wide range of technologies in electronic and computer engineering.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Energy Systems Engineering

## Your Course

Energy Systems Engineering is for graduates of Level 8 BE degrees who want to decarbonise society's energy use through an industry or research career. It is fully accredited to meet the education standard for Chartered Engineer with Engineers Ireland, which is recognised throughout Europe and in many countries around the world. Its modules on advanced energy technologies, economics and policy, and research methods provide graduates with the breadth and depth to pursue a range of careers leading the energy transition. **Important information re the level of the ME qualification and students' satisfaction of accreditation requirements is provided on the course website.** Education is provided in three areas: advanced technologies in energy systems engineering, transferable skills, and technology development or research through a major individual energy systems engineering project.

## Career Opportunities

Energy Systems Engineering prepares students to assume leadership roles in the sustainable energy transition. Our graduates are ideally suited for careers in power generation, smart grid roll-out, energy supply management, design of energy-efficient products and processes, sustainable transformation of organisations, communities and businesses, roll-out of renewable fuels and infrastructure, and design of sustainable transport. Our graduates are employed in the world's leading companies including ESB, Toyota, Gas Networks Ireland, Eirgrid, Accenture, Kingspan, Carbon Trust, SSE Airtricity, Deutsche Bahn and General Electric.

## Minimum Entry Requirements

Second Class Honours in a Level 8 (bachelor's or equivalent) engineering degree in a related discipline from a recognised university or third-level college, especially energy, mechanical, electrical, and/or civil engineering.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/energy-systems-engineering.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/energy-systems-engineering.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 9 months, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MEES1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Rory Monaghan  
Programme Director  
**T:** +353 91 492 664  
**E:** EnergyEng@  
universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

1. It addresses humanity's most challenging question: How can society expand access to energy, which drives all human activity, while avoiding climate and biodiversity breakdown?
2. Multidisciplinary modules cover technologies such as: wind, solar, ocean, hydro, bioenergy and nuclear; smart grids, buildings and cities; sustainable water systems; national energy systems; climate science; research methods; and energy economics, policy and law.
3. This programme is accredited by Engineers Ireland for Chartered Engineer status (if combined with an accredited bachelor's degree).

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Enterprise Systems

## Your Course

This award-winning programme is designed in partnership with academics and employers to meet the specific requirements of industry. It equips graduates with essential knowledge and skills in the fields of operations, quality, and innovation management. The programme aims to enhance graduates' technical and management contribution in various enterprises, including manufacturing, financial services, health services, and consultancy. It invites participants from many disciplines, and it is suitable for engineering, science, commerce, and arts graduates who wish to pursue a career in a high-tech environment. Our programme is of significant interest to students who may wish to change direction from their course of undergraduate study and pursue a new career path that offers them sound employment prospects in a growth area.

## Career Opportunities

The Master's of Applied Science (Enterprise Systems) programme is highly regarded by employers, and there is always a very strong demand for our graduates. All of our graduates have secured high quality roles in engineering, management, and information systems with companies such as Accenture, Apple, Boston Scientific, Medtronic, Stryker, Ingersoll Rand, Jaguar, Jaguar Land Rover (JLR), Ernst & Young, Valeo, Pepsi, Kerry Group, IBM, and Hewlett Packard.

## Minimum Entry Requirements

Entry to the Masters of Applied Science (Enterprise Systems) is open to those who hold a Second Class Honours degree at Level 8 in a related discipline. Candidates who hold a Level 8 degree without honours and who have three years' relevant experience will also be considered.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/enterprise-systems.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/enterprise-systems.html)

*"Personally I found the amount of group work in the course incredibly beneficial. It mirrored real-life workplace scenarios and encouraged the exchange of ideas and viewpoints on different topics while helping to hone communication skills. The lecturers all speak with real-world knowledge of industry rather than focusing on a purely theoretical or academic approach."*

**Laurence Fahy,**

MAppSc Enterprise Systems graduate



**PROGRAMMES AVAILABLE:**  
MAppSc (Enterprise Systems)

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1APE1,  
full-time; 1APE2, part-time

**FEES AND FUNDING:**  
Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Kathryn Cormican  
Programme Director

**T:** +353 91 493 975

**E:** [kathryn.cormican@universityofgalway.ie](mailto:kathryn.cormican@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** This course offers a customised learning programme to meet your specific needs.
- 2.** The programme has propelled our graduates to successful careers into some of the most high-profile organisations across the globe.
- 3.** This course won the national Postgraduate Course of the Year Award (Engineering Category) in 2013.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Key Enabling Technologies (KETs)

## (Structured Master's: Research)

### Your Course

Enabling technologies are recognised by the European Union to be the building blocks for future product and process solutions which address many challenges facing society.

The following are the six key enabling technologies (KETs):

- Photonics;
- Advanced Materials;
- Industrial Biotechnology;
- Advanced Manufacturing;
- Nanotechnology;
- Micro-/Nano-Electronics.

Europe's future competitiveness depends on how its future labour force can master KETs. This MSc programme provides hands-on experience to enable students to demonstrate their research potential using KETs in advanced manufacturing.

### Career Opportunities

Graduates from this programme find employment in advanced manufacturing industries or continue on to pursue PhD studies centred on realising the next generation of biomedical devices. The programme is strategically positioned to produce graduates capable of realising a new generation of medical and electronic devices based on biomaterials activated by electrical, optical, and thermal stimulation. Hands-on and taught modules will provide expertise in printed electronics and biomaterials giving students access to many opportunities in the development of future medical and pharmaceutical devices, and in tissue engineering.

### Minimum Entry Requirements

Students with a 2.1 honours degree, or higher, in science or engineering (Level 8) will be considered for this programme.

### FIND OUT MORE AT:

[www.universityofgalway.ie/science/structured-phd/key-enabling-technologies.html](http://www.universityofgalway.ie/science/structured-phd/key-enabling-technologies.html)

### PROGRAMMES AVAILABLE:

Structured Research Master's

**DURATION:** 1 year

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1KET1, full-time; 1KET2, part-time

**FEES AND FUNDING:** See [www.universityofgalway.ie/courses/fees-and-funding/fees.html](http://www.universityofgalway.ie/courses/fees-and-funding/fees.html)

**CLOSING DATE:** June 2023



### CONTACT

Dr Gerard O'Connor  
Head of School, Physics

**E:** [gerard.oconnor@universityofgalway.ie](mailto:gerard.oconnor@universityofgalway.ie)



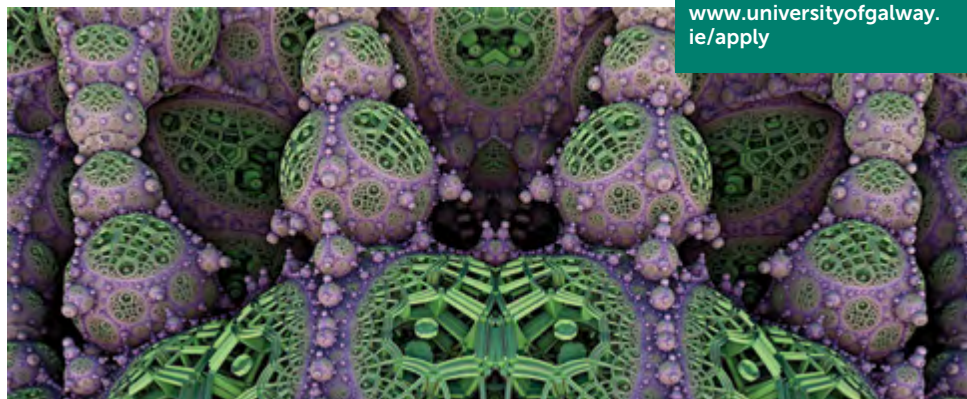
### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Hands-on research experience on state-of-the-art, advanced manufacturing test-bed incorporating both additive and subtractive processes, dependent on KETs.
- 2.** Learn new insights in scalable innovation, value chain analyses, and laser enabled bio and electronic printing.
- 3.** Demonstrate your research potential by applying KETs for pilot manufacturing of biomedical applications.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Mechanical Engineering (ME)

## Your Course

The Master's in Mechanical Engineering (ME) (60 ECTS Level 9) course follows on from the four-year undergraduate BE programme in Mechanical Engineering, providing students with the opportunity to experience and complete advanced mechanical engineering education and research within the framework of the academic and professional requirements for Chartered Engineer status, recognised globally through the Washington Accord. This course combines advanced taught modules and transferable skills modules with a significant research and development project (Semesters 1 and 2). This development project, which is the capstone of the ME, is conducted in collaboration with an engineering research or industry partner and is aligned with active research themes.

**Important information re the level of the ME qualification and students' satisfaction of accreditation requirements is provided on the course website.**

## Career Opportunities

Our graduates are in high demand in multiple sectors such as device and equipment manufacturing, medical device, power generation, renewable energy, automotive, aerospace, transport, traditional and advanced contract manufacturing, agricultural equipment, oil and gas, CAD and software, advanced manufacturing process development, material testing, engineering management, and engineering consultancy. Some graduates continue onto further research (e.g., PhD) positions.

## Minimum Entry Requirements

Individuals must have a minimum Second Class Honours, Grade 2 (H2.2), in a Level 8 engineering degree in a related discipline, or equivalent, from a recognised university or third-level college. Factors taken into account in determining admission will include the specific content of the undergraduate degree, the applicant's performance, and the availability of places.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/mechanical-engineering.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/mechanical-engineering.html)



**PROGRAMMES AVAILABLE:** ME

**DURATION:** 9 months, full-time

**NUMBER OF PLACES:** 20  
(approximately)

**COURSE INSTANCE(S):** 1MEME1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Eoin King

**T:** +353 91 492 285

**E:** eoin.king@universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Graduates of this programme are in high demand by employers in multiple industries, including start-up, SME and multinational medical device companies in Galway, and Ireland's emerging space-tech sector.
- 2.** Within our design-build-test projects, students develop novel innovative technologies for medical device, energy and wider manufacturing industries, often working with research centres of excellence.
- 3.** A key aspect of this course is the teaching of multidisciplinary subjects, along with innovation, research and industry applied subjects, supported by state-of-the-art lab and project workspace facilities.

Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Mechanical Engineering (MSc)

## Your Course

The Master's of Science in Mechanical Engineering (MSc) (90 ECTS Level 9) will take graduates with engineering (BE) and closely related degrees to an advanced level of mechanical engineering capability, focusing on advanced design, analysis, materials, and manufacture via state-of-the-art technology, with an emphasis on learning through research. This course offers a broad range of advanced engineering modules, including advanced applied mathematics and advanced computational modelling, as well as industry-specific advanced modules in manufacturing technology, offshore engineering, energy, and medical device development and materials. A substantial 12-month research thesis allows the students to implement new research skills developed within a specially designed module on engineering research methods, including publication of their research findings.

## Career Opportunities

Career opportunities in: mechanical engineering industry (e.g., power generation, renewable energy, machine tool manufacture, equipment manufacture, transport and aerospace industry, general manufacturing industry, offshore oil and gas industry); biomedical engineering industry; engineering management; advanced research (e.g., PhD); software (engineering) development; engineering consultancy.

## Minimum Entry Requirements

Individuals must have Second Class Honours, Grade 1 (H2.1), in a Level 8 engineering degree in a related discipline, or equivalent, from a recognised university or third-level college.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/mechanical-engineering-msc.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/mechanical-engineering-msc.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MSME1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Mechanical Engineering Administrator

**T:** +353 91 492 223

**E:** mecheng@universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

1. This programme will equip graduates of international and Irish bachelor's degrees programmes with a wide range of advanced mechanical engineering skills suitable for careers in industry and research.
2. Significant, individual research-design project working with established research groups and centres to develop new technology, in collaboration with industry and research partners.
3. A key aspect of these courses is the teaching of innovation, entrepreneurship skills, and technology, as well as research methods.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Medical Physics

## Your Course

This MSc programme is designed to meet the demand for qualified medical physicists. It is primarily geared toward training for physicists in the application of radiation physics in medicine but maintains a reasonable exposure to key aspects of clinical engineering so that students receive a comprehensive knowledge of the application of the physical sciences and engineering to medicine.

The MSc consists of a fairly intense programme of lectures, workshops, laboratory sessions, tutorials and self-directed learning, including a research project. The syllabus contains modules covering traditional medical physics topics, such as Radiation Fundamentals, and Hospital and Radiation Safety, but also provides an introduction to other areas such as Clinical Instrumentation and modules in Anatomy, Physiology, Medical Informatics and Safety and Risk Management. The course was accredited by the Commission on Accreditation of Medical Physics Education Programs (CAMPEP) North America.

## Career Opportunities

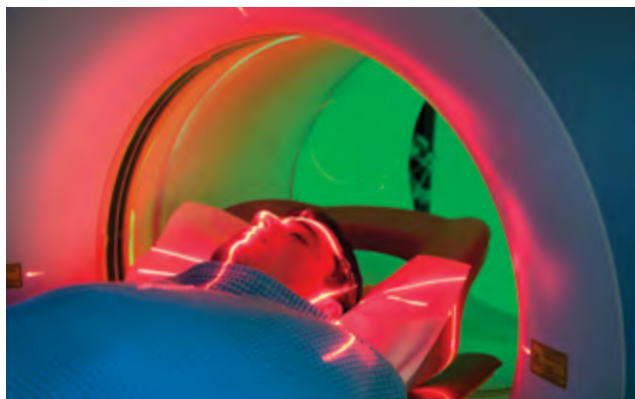
The course has been successful in its aims to provide individuals with a good grounding in medical physics. A recent survey of graduates showed that around 75% had found employment in a medical physics-based career. This includes several individuals who have pursued or are pursuing a PhD. About 20% are employed abroad, in countries such as the UK, the US, Australia and New Zealand.

## Minimum Entry Requirements

Graduates must hold at least a Second Class Honours, Level 8 degree (or equivalent international qualification) in physics or experimental physics, electronic engineering, or another relevant discipline as determined by the College of Science. Candidates with a primary degree without honours and with three years' relevant and appropriate practical experience may be also considered.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-physics.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-physics.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** Up to 20

**COURSE INSTANCE(S):** 1PY1

**FEES AND FUNDING:**

Fees information and funding opportunities: pages 314 and 316.

**GARDA VETTING/POLICE**

**CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**CLOSING DATE:** 7 July 2023



**CONTACT**

Dr Christoph Kleeefeld

**T:** +353 91 542 870

**E:** christoph.kleeefeld@universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The course has been accredited by CAMPEP (North America) and is the first European MSc to receive this accreditation.
- 2.** The course is unique in that it is closely integrated with University Hospital Galway.
- 3.** The course provides a unique opportunity to see the operation of a busy academic hospital.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Occupational and Environmental Health & Safety

## Your Course

This programme's objective is to provide you with a high-quality qualification in the multidisciplinary area of Occupational and Environmental Health and Safety, enabling you to take on managerial responsibilities within industry or to work with a regulatory agency or consultancy.

Students will study topics such as Environmental Health and Safety Law; Environmental Health and Safety Management; Auditing; Waste Management; Occupational Hygiene; Exposure Science; Environmental Monitoring; Occupational Health and Well-Being; Environmental Health; Ergonomics and Environmental Technologies. Students will be introduced to relevant domain experts through seminars, a team-based project and workplace visits.

## Career Opportunities

There is continuous demand for Environmental/Occupational Health and Safety graduates nationally and internationally. The employment record for our graduates is excellent. Graduates are employed as occupational hygienists, ergonomists, health and safety engineers, and consultants and advisors across a range of sectors including pharma, medical device and healthcare, as well as in statutory bodies, local authorities, and consulting firms nationally and internationally.

## Minimum Entry Requirements

**HDip:** The minimum entry requirement is a BSc (general) degree or primary degree or equivalent qualification acceptable to the College of Science and Engineering for the purpose of this diploma (e.g., RGN). Final selection may be made on the basis of an interview.

**MSc:** The minimum entry requirement is an honours BSc degree, or its equivalent in an appropriate discipline, as determined by the College of Science and Engineering. Students without an adequate academic background but with relevant work experience may be required to attend for interview.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/occupational-environmental-health-safety.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/occupational-environmental-health-safety.html)



## PROGRAMMES AVAILABLE:

MSc, HDip

**DURATION:** 1 year, full-time; 2 years, part-time

**NUMBER OF PLACES:** 15, MSc; 5, HDip

**COURSE INSTANCE(S):** MSc: 1OEH1, full-time; 1OEH2, part-time; HDip: 1OES1, full-time; 1OES2, part-time.

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Marie Coggins

**T:** +353 91 493 394

**E:** [marie.coggins@universityofgalway.ie](mailto:marie.coggins@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The programmes are accredited by the Institution of Occupational Safety and Health UK (IOSH), the British Occupational Hygiene Society (BOHS) and the Irish Nursing and Midwifery Board of Ireland (NMBI), which means that this postgraduate qualification is recognised internationally.
- 2. Flexibility:** The minor research thesis may be completed at the student's place of work or in collaboration with University of Galway-based researchers.
- 3.** This programme has a 90% graduate employability rate.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Occupational Health and Safety (Top-Up)

## Your Course

This one-year programme has been designed exclusively for graduates of the Higher Diploma in Occupational Health and Safety or Occupational Health, Safety and Hygiene who have relevant work experience in occupational health and safety. Graduates are provided with an opportunity to complete the additional 30 credits (one module) required to upgrade their qualification to the MSc Occupational Health and Safety programme.

## Career Opportunities

Graduates are qualified to apply for a range of roles including occupational health manager, occupational health and safety professional, environmental health and safety professional/manager and occupational health nurse.

## Minimum Entry Requirements

Applicants must have successfully completed the Higher Diploma in Occupational Health and Safety or Occupational Health, Safety and Hygiene and have relevant work experience.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/occupational-health-safety.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/occupational-health-safety.html)



## PROGRAMMES AVAILABLE:

MSc (top-up)

**DURATION:** 1 year, part-time

**NUMBER OF PLACES:** 6

**COURSE INSTANCE(S):** 1MOH3

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



## CONTACT

Dr Marie Coggins

**T:** +353 91 493 394

**E:** [marie.coggins@universityofgalway.ie](mailto:marie.coggins@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Students are required to complete a 30-credit module, which is delivered on campus over five days during Semesters 1 and 2. Students must complete a research thesis over the summer period.
- 2.** There may be an opportunity to complete the thesis on a topic of relevance to your employer.
- 3.** Occupational Health and Safety has become a prominent component of business and society and continues to be a growth area for employment.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# AgInnovation: Agricultural Innovation & Entrepreneurship

## Your Course

This Master's in AgInnovation course, a one-year distance education/blended learning entrepreneurship development programme (Level 9), aims to fill the gap in entrepreneurship/intrapreneurship skills for the agri-ecosystem in Ireland. Key stakeholders include micro, small, medium, and large agri-companies as well as farmers. The aim of this course is to teach people how to identify areas for innovation, specifically within the agri-domain, to create innovation-driven enterprises or to create new business units within an existing company. Particular consideration is given to helping students address:

- Challenges around commercialising innovations (ideas and technologies);
- Business constraints and guidelines (margins, CAGR, lifetime value, COCA, etc.);
- Other difficulties related to getting new agri-products to sizeable markets ('crossing the chasm').

The course will include customer-focused problem identification, problem validation, market analysis, technology viability assessment, competitive positioning, team building, product lifecycle planning, marketing strategy, and sales channel analysis. Robust and comprehensive agri-focused business plans will be developed that begin with an executive summary and follow through to the presentation of a comprehensive marketing plan.

## Career Opportunities

This course will help to better guide students and increase their skills, to share best practices in entrepreneurship in the agri-domain, and to accelerate innovation maturation and transfer into business. It will ideally place students to fill the agri-startup and innovation pipeline into the west of Ireland as well as nationally.

## Minimum Entry Requirements

Applicants should hold an undergraduate degree, First or Second Class Honours in any discipline, along with three years of relevant industry experience; or an Ordinary or Third Class Honours undergraduate degree, along with five years of relevant industry experience; or a recognised professional qualification and five years of relevant industry experience. Candidates who do not meet the minimum entry criteria may be interviewed to ascertain their suitability for the programme.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/aginnovation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/aginnovation.html)

## PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, distance education

**NUMBER OF PLACES:** 20

## FEES AND FUNDING:

Co-funded by Springboard+.

**CLOSING DATE:** July 2023. Apply at [www.springboardcourses.ie](http://www.springboardcourses.ie).



## CONTACT

Brendan Allen

**T:** +353 91 493 929

**E:** [brendan.allen@universityofgalway.ie](mailto:brendan.allen@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

**1. Flexible learning:** The programme is delivered using a blended approach, a combination of distance/online learning materials with face-to-face tutorials and periodic seminars (at weekends).

**2.** Programme Director Professor John Breslin and Programme Manager Mr Brendan Allen have brought this process to University of Galway after undertaking MIT's Entrepreneurship Development Program. Dr Breslin is also a Funded Investigator at the VistaMilk Centre for Precision Pasture-Based Dairying.

**3.** This is a timely initiative because more agtech innovators are needed in companies and startups who can avail of early stage supports, then scale to access larger funds. Now is the time to accelerate the agricultural innovation ecosystem in Ireland.

Thinking about  
applying?



[www.springboardcourses.ie](http://www.springboardcourses.ie)

# Bioinnovation

## (MSc, Research)

### Your Course

BioInnovate Ireland is a national health technology innovation programme based at University of Galway. The programme is a global affiliate of the University of Stanford Biodesign methodology and leverages this approach to provide a talented multidisciplinary pool of innovators the opportunity to develop novel medical innovations and shape the future of healthcare globally. The programme operates in partnership with a host of national and international partners including Stanford University, American College of Cardiology, our EIT Health funded European Fellowship Network, University College Cork, Trinity College Dublin, Mayo Clinic, Boston Scientific, Medtronic, Abbott Vascular, Creganna, and Aerogen.

At BioInnovate, we bring together exceptional multidisciplinary teams to investigate, inspire and innovate a healthier world that will improve patients' lives globally.

Initially all fellows register for the PDip in BioInnovation Programme, which is a 10-month experience that equips aspiring innovators with a proven, repeatable process to identify unmet clinical needs, invent a novel solution to address them and prepare to implement those solutions into patient care through startups, as intrapreneurs or other channels. In addition, fellows become part of the BioInnovate Ireland community, a network of innovators passionate about improving healthcare globally. During the programme, fellows have an opportunity to transfer to the MSc in BioInnovation and submit a MSc thesis by research.

### Career Opportunities

Supported by Enterprise Ireland, BioInnovate Ireland has so far trained over 100 high-calibre fellows and 250 industry professionals, each undergoing a rigorous, bespoke, highly mentored innovation, and leadership programme, equipping them with the skills and mind-set to drive innovation in start-ups and industry. The programme has been involved in the creation of 22 new companies who, between them, have raised over €60 million in funding. Our alumni also work to bring innovative ideas to patient care in industry and healthcare.

### Minimum Entry Requirements

Applicants with postgraduate qualifications and substantial work experience in the engineering, science, computer science, business, product design, medical or nursing fields are encouraged to apply. Fellows will be selected based on their experience, passion and drive, as well as their potential to become leading innovators in the health technology field.

Medical graduates must have completed the MB/BAO/BCH or equivalent medical degree recognised by the Irish Medical Council. At least three years must have passed since the medical graduate obtained the above degrees, two of which must have been spent in the practice of medicine.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/research-postgraduate-programmes/phd-and-masters/bioinnovation.html](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/phd-and-masters/bioinnovation.html)

**PROGRAMMES AVAILABLE:** MSc (Research)

**DURATION:** 12 months

**NUMBER OF PLACES:** 12

**COURSE INSTANCE(S):** 1MBI1

**FEES AND FUNDING:** Fellows receive a 10-month stipend funded by Enterprise Ireland (subject to funding approval by the funder).

**GARDA VETTING/POLICE CLEARANCE:** Garda vetting/police clearance is required for this programme. Please see page 313 for further information.

**WHEN TO APPLY:** Visit [www.bioinnovate.ie](http://www.bioinnovate.ie) for application details.



#### CONTACT

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BioInnovate Ireland  
**T:** +353 91 492 646  
**E:** [info@bioinnovate.ie](mailto:info@bioinnovate.ie)  
[www.bioinnovate.ie](http://www.bioinnovate.ie)



#### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Throughout the process, Fellows have unparalleled access to and receive mentorship from industry experts and leaders, entrepreneurs and investors, and clinicians, both in Ireland and internationally.
- 2.** Opportunity to work in a multi-disciplinary team to progress an unmet clinical need through the identify, invent and implement process.
- 3.** Our fellows come up with innovative solutions that directly impact patient health globally.

Thinking about applying?



[www.bioinnovate.ie](http://www.bioinnovate.ie)



# Bioinnovation

## (PDip)

### Your Course

BioInnovate Ireland is a national health technology innovation programme based at the University of Galway. The programme is a global affiliate of the University of Stanford Biodesign methodology and leverages this approach to provide a talented multidisciplinary pool of innovators the opportunity to develop novel medical innovations and shape the future of healthcare globally. The programme operates in partnership with a host of national and international partners including Stanford University, American College of Cardiology, our EIT Health funded European Fellowship Network, University College Cork, Trinity College Dublin, Mayo Clinic, Boston Scientific, Medtronic, Abbott Vascular, Creganna, and Aerogen.

The programme applies needs-led innovation and entrepreneurship to real-world healthcare problems. This unique approach allows the identification and validation of unmet clinical needs with an associated market opportunity and facilitates the development and commercial de-risking of emerging technologies in the medtech sector. The goal of the programme is to educate BioInnovate Ireland Fellows and Industry Trainees with a view to developing the next generation of medtech leaders, embedding design capabilities in Irish companies and driving the creation of new Irish start-ups.

Fellows currently registered for the PDip BioInnovation are eligible to transfer to the MSc BioInnovation in consultation with the Programme Board. Please contact our Programme Administrator for up to date information.

### Career Opportunities

All of our graduates are currently employed, with approximately half of them pursuing commercial opportunities identified during the programme. Several graduates work in start-ups, major multinationals or the government sector.

### Minimum Entry Requirements

Candidates in the areas of engineering, science, information technology and business must have completed an undergraduate degree in their area and should hold a postgraduate qualification or have equivalent professional experience.

Medical graduates must have completed the MB/BAO/BCH or equivalent medical degree recognised by the Irish Medical Council. At least three years must have passed since the medical graduate obtained the above degrees, two of which must have been spent in the practice of medicine.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/bioinnovation-pdip.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/bioinnovation-pdip.html)

**PROGRAMMES AVAILABLE:** PDip

**DURATION:** 10 months

**NUMBER OF PLACES:** 12 Fellows annually

**COURSE INSTANCE(S):** 1PDB1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** Applications are accepted on a rolling basis with cut off points. Please contact our Programme Administrator for up to date information.



### CONTACT

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Programme Administrator,  
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**T:** +353 91 492 646  
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**www.bioinnovate.ie**



### 3 GOOD REASONS TO STUDY THIS COURSE

1. Throughout the process, Fellows have unparalleled access to and receive mentorship from industry experts and leaders, entrepreneurs and investors, and clinicians, both in Ireland and internationally.
2. Opportunity to work in a multi-disciplinary team to progress an unmet clinical need through the identify, invent and implement process.
3. Our fellows come up with innovative solutions that directly impact patient health globally.

Thinking about applying?



[www.bioinnovate.ie](http://www.bioinnovate.ie)

# TechInnovation

## (Distance Education)

### Your Course

This MSc in TechInnovation course is a one-year, full-time entrepreneurship development programme that aims to fill the gap in terms of entrepreneurship/intrapreneurship/innovation skills identified by small and large companies focused on exploring the commercial potential of solutions to identified industry needs across a wide range of domains. The aim of this course is to teach people how to identify commercial needs, respond to a need in the form of a high-level solution, test the viability of that solution, develop a commercial response, and create a company or a new business unit within an existing company, with a particular focus on innovation-driven enterprises that can scale.

### Career Opportunities

This course is suitable for those who have a business idea and wish to explore its full potential through a structured approach. It will help to guide students and increase their skills, to share best practices in entrepreneurship, and to accelerate innovation maturation and transfer into business. It will ideally place students to fill the entrepreneurial need in the west of Ireland and equip graduates with the skills required to become integral members of innovation-driven enterprises. Programme participants will have the benefit of an experienced team who will help them to meet their goals in terms of entrepreneurial and innovation skills acquisition.

### Minimum Entry Requirements

Applicants should normally hold a qualification from a university or other internationally recognised academic institution or authority, corresponding to Level 8 of the Irish National Framework of Qualifications (NFQ), to a minimum standard of Second Class Honours (or equivalent). It is expected that successful applicants will come from a variety of academic disciplines.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/msc-techinnovation.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/msc-techinnovation.html)



Thinking about  
applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MTN2

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Brendan Allen

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**E:** [brendan.allen@universityofgalway.ie](mailto:brendan.allen@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** This programme encourages multidisciplinary team engagement and recognises the importance of experiencing diversity within effective, functioning teams. Participants will learn to work collaboratively with team members from other disciplines to achieve multiple perspectives in the pursuit of a common goal.
- 2.** At the core of the programme is the successful MIT Disciplined Entrepreneurship Model. This allows participants to learn the skill of innovation for replication either as an entrepreneur or as important member of an innovation driven enterprise.
- 3.** Responding to a real-world problem as part of an innovation project, teams will develop pitches for angel and venture capital funding to allow commercialisation (post-programme).

# Biomedical Science

This programme is undertaking a curriculum review and there may be changes to the course content. The most up-to-date information will be available on the course web-page.

## Your Course

The programme's objective is to provide students with the underpinning knowledge and practical skills to pursue a successful career in biomedical science. The course is designed for those who wish to follow careers as biomedical scientists in research, the health service, or in the wider context of biomedical science (including medical technologies, biopharmaceuticals and other healthcare industries). Students will use state-of-the-art technologies and learn a range of skills from scientific, engineering and clinical disciplines to understand and investigate questions originating in biology and medicine. You will be introduced to science and engineering disciplines you will not have covered in your undergraduate studies. You will have access to some of Ireland's leading researchers in this area. **Industry placement:** Students have the opportunity to apply for competitive 6–12-month industry placements, which, if successful, will replace the research dissertation module. Students undertaking an industry placement will be registered on the MSc into a second year for the duration of the placement.

## Career Opportunities

Located in the heart of Ireland's biomedical device industry cluster, University of Galway offers excellent, and a wide variety of, career opportunities for biomedical science graduates. These include R&D, product and process development, quality assurance and regulatory roles in in medical devices or pharmaceuticals in an industrial or academic setting, medical device sales, work in hospital laboratories and further postgraduate studies.

## Minimum Entry Requirements

Candidates must hold at least a Second Class Honours Level 8 primary degree in a related subject area or hold a primary degree in a related area (which is acceptable to the college) without honours and have three years' relevant practical experience in the subject area. IELTS score of 6.5+ (with not less than 6.0 in any one component).

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/biomedical-science.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/biomedical-science.html)

*"The MSc in Biomedical Science at University of Galway is a truly interdisciplinary course. Courses such as tissue engineering and molecular medicine gave me an insight into research that I had previously not seen. The flexibility offered through the optional modules allows each student to cover the essential core modules while allowing for tailoring to each individual. Modules such as validation and scientific writing offered transferable skills that will be beneficial regardless of career path. I consider myself privileged to have been part of the MSc Biomedical Science group, and I would recommend the course highly to prospective students."*

**Richard Bennett**, MSc Biomedical Science, PhD Student

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1MV1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details.



### CONTACT

Dr Mary Ni Fhlathartaigh

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Professor Terry Smith

**T:** +353 91 492 022

**E:** [terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. University of Galway is located in Galway city, which is one of the top five global hubs for biomedical science and technology.
2. Eight of the world's top 10 medtech companies are based in Galway, creating excellent employment opportunities for our graduates in medical device and pharmaceutical industries, laboratory services, and academic research settings. Many students secure employment in medtech and pharma companies.
3. Students gain a clear, understanding of the practical skills and principles of biomedical science. They will learn skills from scientific, engineering and clinical disciplines investigating questions originating in biology and medicine. They will have access to some of Ireland's leading researchers and technologies in this area.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Biotechnology

## Your Course

The MSc Biotechnology programme aims to provide you with the skills and knowledge necessary to pursue a successful career in biotechnology. Through tutorials, lectures, assignments and a five-month research project, the course focuses on the development and application of biological processes in research, commercial and industrial settings. The programme is suitable for applicants who have a primary degree in biological sciences and wish to develop a career in a sector with high employment.

### Core modules:

- MSc Biotechnology five-month research project;
- Frontiers in Biotechnology: tutorials introducing transferable skills and recent advances in biotechnology;
- Introduction to Business: concepts in marketing, management and accountancy including student development of a biotechnology business plan;
- Fundamental Concepts in Pharmacology: understanding the dynamics and kinetics of drug interactions in the body;
- Protein Technology: includes industrial scale-up of protein production, proteomics and glycobiology;
- Diagnostic Biotechnology: a comprehensive overview of immunological and molecular diagnostics.

### Optional modules (choose three):

Advanced and Applied Immunology; Advanced Industrial Processes; Applied Concepts in Pharmacology; Introduction to Molecular and Cellular Biology; Scientific Writing; and Quality Management Systems.

## Career Opportunities

A wide range of career options exist for graduates, e.g., employment in pharmaceutical industries, diagnostic services and academic research. Furthermore, this programme is a springboard to PhD research opportunities. Recent graduates have found employment with Abbott, Allergan, ICON Clinical Research, Norbrook Laboratories, Pfizer, Regeneron and Takeda. They are pursuing careers in manufacturing, quality assurance, product development and research, and in the broader sectors of sales, marketing, and regulatory affairs.

## Minimum Entry Requirements

Candidates must hold at least a Second Class Honours, Level 8 (or equivalent international qualification) primary degree in science or a related subject, with a strong background in biological sciences. For applicants whose native language is not English, an IELTS score of at least 6.5 is required, with not less than 6.0 in any one component. Selection is based on academic record, previous relevant experience and a personal statement. Candidates may be invited for interview.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/biotechnology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/biotechnology.html)

*"I wanted to learn more about the biotech industry and learn skills I could apply in future employment. Lecturers were experts in their field, material was up-to-date and included cutting-edge research."*

**Gráinne O'Connor**, MSc Biotechnology graduate (2020)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 12 months, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MT1

**FEES AND FUNDING:**

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 4 May 2023



### CONTACT

Dr Mary Ni Fhlathartaigh

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**E:** [mary.nifhlathartaigh@universityofgalway.ie](mailto:mary.nifhlathartaigh@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Choice of industrial or research focused streams.
- 2.** Five-month laboratory project providing the opportunity to build research and development expertise while being a member of a scientific research team.
- 3.** Winner of national Postgraduate Science Course of the Year Award 2016 and 2017.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Chemistry Research

## (Structured Master's: Research)

### Your Course

The Master of Science in Chemistry Research is a one-year research programme, designed to provide internationally recognised training in chemistry for graduates to the highest level of professional and scientific standards. The aim of the MSc is to produce high-calibre graduates who can independently tackle problems in chemistry and closely related areas. It also aims to develop employment-ready professionals who intend to gain employment in this field, or enter a PhD programme. The course has taught modules (30 ECTS) and a research module (60 ECTS). Applicants will be taught by University of Galway's academics, who are experts in this field; qualified scientists from industry will also be providing lectures.

### Career Opportunities

Graduates will develop professionally relevant skills to successfully open up new career opportunities in either industry or academia. In this regard, the School of Chemistry is proud of the employment record of its postgraduates. Among the recent PhD and MSc postgraduates, 45% took up employment in industry (mainly in the pharmaceutical and medical devices sectors), 31% have entered a PhD or postdoctoral research programme and 14% are currently employed in the public sector (e.g., teaching, government laboratories, research facilities).

### Minimum Entry Requirements

First Class or 2.1 Honours degree in Chemistry, Medicinal Chemistry, Pharmaceutical Chemistry, Biopharmaceutical Chemistry or Analytical Chemistry at Level 8. Students with a 2.2 honours degree may be admitted after interview. Graduates with BSc honours degrees from other cognate areas may be admitted based on the amount of chemistry taken through their primary BSc programme.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/chemistry-msc-structured.html](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/chemistry-msc-structured.html)

### PROGRAMMES AVAILABLE:

Structured Research Master's

**DURATION:** 1 year

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MCB1, full-time; 1MCB2, part-time

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316

**CLOSING DATE:** Not applicable.



### CONTACT

Dr Andrea Erxleben

**T:** +353 91 492 483

**E:** andrea.erxleben@universityofgalway.ie



### 3 GOOD REASONS TO STUDY THIS COURSE

1. Taught modules during the first three months of the programme followed by an eight-month research project with the option to carry out the research project in industry.
2. Training relevant to employment in the pharmaceutical and medical devices sectors.
3. Training in a location that is a major hub for the medical devices sector.



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Neuropharmacology

## Your Course

Programme outcomes include:

- Demonstrating a detailed knowledge of the principles and concepts of neuropharmacology;
- Demonstrating an in-depth knowledge of the recent developments and applications in the field of neuropharmacology;
- Demonstrating a high skill level in a wide range of laboratory skills for neuropharmacological investigations;
- Communicating experimental findings in neuropharmacology effectively, using a variety of verbal, written and visual means;
- Designing, conducting, analysing and presenting original laboratory-based research.

The programme is divided into three trimesters (each of 30 ECTS) in the following manner:

### Trimester 1

Neurophysiology: 5 ECTS

Central Neurotransmission: 5 ECTS

Fundamental Concepts in Pharmacology: 5 ECTS

Applied Concepts in Pharmacology: 5 ECTS

Experimental Methods in Pharmacology: 10 ECTS

### Trimester 2

Experimental Neuropharmacology: 15 ECTS

Current Topics in Neuropharmacology: 10 ECTS

Neuropharmacology and Therapeutics: 5 ECTS

### Trimester 3

Neuropharmacology Research Project: 30 ECTS.

## Career Opportunities

The majority of graduates of the programme have entered the workforce either in technical or research roles within hospitals, universities or companies, mostly in Ireland. Approximately one-third have embarked on PhD research following graduation.

## Minimum Entry Requirements

Successful students will normally hold at least a Second Class Honours Level 8 degree from any of a range of undergraduate disciplines from chemistry to life science subjects to psychology. Students are also considered who have a Level 7 degree and three years' relevant work experience. IELTS score of 6.5 (with not less than 5.5 in any one component).

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/neuropharmacology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/neuropharmacology.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1NP1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Dr Declan McKernan

T: +353 91 493 826

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## 3 GOOD REASONS TO STUDY THIS COURSE



**1.** Graduates will be able to demonstrate a detailed knowledge of the principles and concepts of neuropharmacology and an in-depth knowledge of the recent developments and applications in the field of neuropharmacology.

**2.** You will become highly proficient in a wide range of laboratory skills for neuropharmacological investigations.

**3.** After completing the programme, you will be adept at designing, conducting, analysing and presenting your original laboratory-based research and proficient at communicating experimental findings in neuropharmacology effectively, using a variety of verbal, written and visual means.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Toxicology

## Your Course

This programme is divided into three trimesters (each of 30 ECTS) in the following manner: Trimester 1—Introduction to Toxicology (5 ECTS); Applied Toxicology (5 ECTS); Fundamental Concepts in Pharmacology (5 ECTS); Applied Concepts in Pharmacology (5 ECTS); Experimental Methods in Pharmacology (10 ECTS). Trimester 2—Experimental Toxicology (15 ECTS); Current Topics in Toxicology (10 ECTS); Advanced Toxicology (5 ECTS). Trimester 3—Toxicology Research Project (30 ECTS).

## Career Opportunities

Previous graduates of this programme have found employment either in toxicological and product quality testing within industry or government agencies or in the field of regulatory toxicology within governmental and international regulatory bodies. Graduates have also enrolled in PhD programmes and further academic studies in related disciplines.

## Minimum Entry Requirements

Successful students will normally hold at least a Second Class Honours Level 8 degree, or equivalent international qualification, from any one of a range of undergraduate disciplines. Students are also considered who have a Level 7 degree, or equivalent international qualification, and three years' relevant postgraduate full-time work experience. IELTS score of 6.5 (with not less than 5.5 in any one component).

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/toxicology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/toxicology.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 10

**COURSE INSTANCE(S):** 1MST1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Howard Fearnhead

**T:** +353 91 495 240

**E:** [howard.fearnhead@universityofgalway.ie](mailto:howard.fearnhead@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

### 1. Placement opportunities:

There are a limited number of placements in regulatory agencies for the third trimester.

**2.** Graduates will develop a high skill level in a wide range of laboratory skills for toxicological investigations.

**3.** Graduates will be competent in communicating experimental findings in toxicology effectively, using a variety of verbal, written and visual means, and in designing, conducting, analysing and presenting their original laboratory-based research.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Applied Mathematics

## Your Course

This Higher Diploma in Applied Mathematics programme is aimed at those who have a background in applied mathematics or mathematics, equivalent to a Level 7 degree, and who wish to improve their knowledge of these areas. The programme seeks to further develop your ability in applying mathematical tools to address real-world problems. The problems investigated arise in physics, chemistry, biology, economics, computer science, engineering, mechanics, social sciences and many others fields.

Each semester, you will study five courses chosen from a catalogue of appropriate courses. You will also undertake a supervised project, working in collaboration with a member of staff, when you will be trained in various research techniques and gain an insight into some current areas of applied mathematics research.

## Career Opportunities

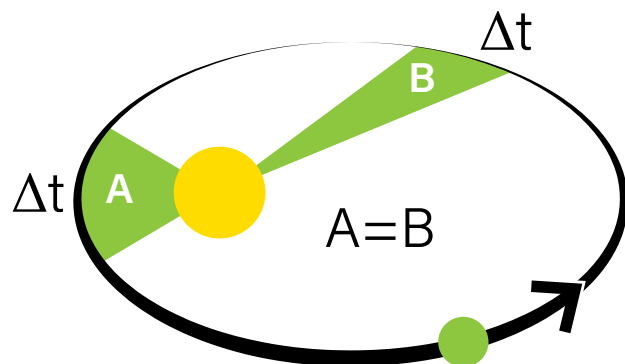
Graduates in Applied Mathematics have found employment in Met Éireann, the Central Statistics Office, telecommunications, the computer industry, financial and actuarial institutions, industrial research and development, and teaching and research institutes, or have moved on to further postgraduate studies.

## Minimum Entry Requirements

The entry requirement is a 2.1 or 2.2 degree (NQAI Level 7) in Applied Mathematics, Mathematics or Applied Mathematical Science at general degree level, or an equivalent, to be determined by the College of Science.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/applied-maths.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/applied-maths.html)



### PROGRAMMES AVAILABLE:

HDipAppSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1HDS1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 4 August 2023

### CONTACT

Dr Martin Meere

**T:** +353 91 493 087

**E:** martin.meere@universityofgalway.ie



### 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** You will get the opportunity to develop your skills in different areas of mathematics, applied mathematics, statistics, numerical analysis and mathematical modelling by taking advanced level courses.
- 2.** Skills acquired through the study of applied mathematics—the ability to develop mathematical models and to apply them in a practical setting—will prove to be extremely useful and will be highly valued by an employer.
- 3.** At the end of this programme you will have an equivalent level of knowledge and experience as a student who has completed a BSc (Hons) degree in Applied Mathematics.

### Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Biomedical Genomics

## Your Course

With continuing advances in the technologies that are used to sequence DNA, medical applications of genomics are becoming increasingly important; it is now possible to diagnose rare genetic diseases from genomic sequences, while sequencing of tumours has become an important means of refining therapeutic choices in cancer treatment. This has led to a growing need for scientists who can both analyse genomic data and interpret results based on a strong understanding of biological context. Graduates of this programme will gain practical skills in the generation of genomic data using the latest sequencing technologies and will learn the computational and statistical techniques necessary for their analysis.

## Career Opportunities

There is currently a high demand for genomic data scientists. As advances in precision medicine take hold, it is anticipated that the need for genomics analysts in healthcare, the pharmaceutical industry and academic research will continue to grow, generating opportunities for employment in each of these areas. The data analysis skills learned will also allow graduates to transition to data scientist roles outside of genomics.

## Minimum Entry Requirements

Applicants must have achieved a First or strong Second Class Honours degree in a cognate discipline. Qualifying degrees include, but are not limited to: biochemistry, genetics, biomedical science, and biotechnology.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/biomedical-genomics.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/biomedical-genomics.html)

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



### PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1BMG1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Pilib Ó Broin

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. This course will provide postgraduate training in genomics relevant to medicine. Rapid advances in the technologies used to sequence DNA and RNA have led to an increase in the breadth of application of sequencing-based genomics technologies, ranging from fundamental scientific discovery in the life sciences to clinical applications in precision medicine.
2. Graduates will become highly skilled in scientific principles and technologies and will develop the quantitative and computational skills to analyse large data sets generated using the latest genomics techniques.
3. With the establishment of this programme, University of Galway is positioning itself as a major European centre for biomedical genomics training and research.

# Genomics Data Science

## Your Course

Rapid advancements in high-throughput technologies used to sequence DNA have led to an unprecedented increase in the availability and use of genomics data, from fundamental scientific discovery in the life sciences to clinical applications in precision medicine. The analysis of these large, complex datasets requires a new generation of highly trained scientists who possess not only a sound understanding of the underlying biological principles and technologies, but also the necessary quantitative and computational skills. Combining elements of genetics, statistical science, data analytics, machine learning, bioinformatics and computational biology, this exciting new programme will provide graduates with a highly marketable and transferable set of data science skills as well as specialist knowledge of and experience in the application of these skills to the analysis and interpretation of genomics data.

## Career Opportunities

Graduates will be well placed to seek employment in a wide range of industries that employ genomics technologies, including biotechnology and pharmaceutical R&D, as well as clinical healthcare. Graduates will also have the option to pursue PhD research, for example in the University of Galway-led SFI Centre for Research Training in Genomics Data Science ([genomicsdatascience.ie](http://genomicsdatascience.ie)). Given the highly transferrable and sought after nature of the data science skills learned, graduates may also choose to enter data analyst or data scientist roles in non-genomics domains.

## Minimum Entry Requirements

Applicants must have achieved a First or strong Second Class Honours degree in a quantitative discipline. Qualifying degrees include, but are not limited to, mathematics, physics, statistics, computer science, and engineering (biomedical or electronic/computer engineering).

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/genomics-data-science.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/genomics-data-science.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 10

**COURSE INSTANCE(S):** 1GDS1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

Dr Pilib Ó Broin

**T:** +353 91 492 337

**E:** [pilib.obroin@universityofgalway.ie](mailto:pilib.obroin@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Combining elements of statistics, data analytics and computational biology, graduates will have a highly marketable and transferable combination of skills.
- 2.** This course provides excellent training for graduates who wish to pursue a research career either in academia or industry.
- 3.** Class sizes are small and most of the modules are taught in a dedicated computer lab.



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Health Data Science

NEW  
COURSE

## Your Course

Data science skills are in unprecedented demand from many industries, particularly in healthcare. From precision medicine, to next gen genomics, to individualised monitoring devices the growth in data collection and data-led decision making is revolutionising service delivery. This conversion MSc can be tailored around your skills, experience and interests to provide flexible opportunities for those with either strong quantitative backgrounds, or those with an interest in healthcare that wish to develop their data science and data analytics skills. Graduates will develop the key statistical and computing skills needed to design studies, analyse, interpret and translate research findings to evaluate health interventions, services, programmes, and policies.

The modules will be delivered by statisticians, bioinformaticians, clinicians, mathematicians, health economists, epidemiologists and computer scientists including invited speakers from Medtech, Pharma and Data Science. The foundation courses provide a broad range of skills in statistical modelling, machine learning and clinical research. These skills are brought to fruition in an interdisciplinary capstone research project with either an academic or industry focus.

If you want to be at the forefront of this revolution of Healthcare in Ireland or globally then this is the MSc for you.

## Career Opportunities

The graduates of this programme will be equipped with a skill set that is in high demand in the Healthcare, Pharma, MedTech, Biomedical, Sport Science and Health Insurance sectors as well as in academia. Data Scientist has been described at the “best job in America” by Glassdoor and “the most promising career” by LinkedIn, further confirmed by Harvey Nash and KPMG who recently reported that Big Data Analytics is the most in-demand skillset. The Irish National Skills Council expect high growth in data science with a compound annual growth rate of 8–9%.

## Minimum Entry Requirements

The minimum entry requirement is an upper second class (or equivalent) honours degree from a recognised University in a relevant subject (e.g., statistics, mathematics, health, biomedical sciences, engineering, computer science) or evidence of achievement at postgraduate level. Performance in the last two years of study will be considered. Students with an insufficient quantitative background must pass a preparatory course.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/health-data-science.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/health-data-science.html)

### PROGRAMMES AVAILABLE:

MSc

**DURATION:** 1 year, full-time;  
2 years, part-time

**NUMBER OF PLACES:** 23

**COURSE INSTANCE(S):** 1MDX1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** Candidates are encouraged to apply as early as possible, but before the end of April (preceding commencement of the programme in September). Places will be offered on a rolling basis. The final application deadline is 31 May 2023.



### CONTACT

Programme Coordinator

**T:** +353 91 492 332

**E:** [m.sc.hds@universityofgalway.ie](mailto:m.sc.hds@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. Taught by world leaders in statistical data science in the health domain, from the School of Mathematical and Statistical Sciences and the School of Medicine.
2. Data science is a skillset in high demand across a wide range of healthcare industries both overseas and in Ireland (e.g., listed on the Irish Critical Skills Occupations list).
3. This conversion masters designed for high performing graduates, or those with relevant industry experience, can be tailored to those from a range of disciplines to upskill in statistical data science.

Thinking about  
applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Mathematics

## Your Course

The MSc in Mathematics is a flexible one-year programme. The programme is primarily designed for two types of students:

1. Students with a four-year degree in Mathematics who want to upskill in mathematical areas related to employment, e.g., in the communications and data industries or the financial sector.
2. Students with a three-year joint BA in Mathematics, or with degrees in cognate disciplines (Computing, Science, or Engineering) incorporating a significant mathematical component, who want to upskill in Mathematics before embarking on careers in teaching, academia, or industry.

## Career Opportunities

Graduates pursue careers in business, finance, public service, teaching and related fields, and some go on to PhD studies in the mathematical sciences.

## Minimum Entry Requirements

Students should hold at least an upper Second Class Honours degree (or equivalent) with a substantial mathematical component containing at least 30 ECTS of mathematical modules.

### FIND OUT MORE AT:

[www.universityofgalway.ie/taught-postgraduate-courses/mathematics-msc.html](http://www.universityofgalway.ie/taught-postgraduate-courses/mathematics-msc.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1AL1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** 28 July 2023



### CONTACT

Dr Tobias Rossmann

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**E:** tobias.rossmann@universityofgalway.ie



## 3 GOOD REASONS TO STUDY THIS COURSE

1. Graduates are in demand in the financial and semi-state sectors.
2. Programme content is dynamic and research led.
3. Opportunities exist to participate in the workshops hosted by the school's de Brún Centre for Mathematics.



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)





# Medical Technologies Regulatory Affairs & Quality (Certificate)

## Your Course

The Level 8 Certificate in Medical Technologies Regulatory Affairs and Quality provides students with an introduction to the core elements of the product development life cycle and the associated role of a medical technology regulatory affairs and/or quality professional. The programme ensures that students acquire a good, fundamental understanding of all applicable regulations and skills to address the ever changing environment of medical technologies regulatory affairs and quality.

The programme aims are to:

- Provide participants with a fundamental grounding in regulatory and quality requirements for medical devices;
- Provide necessary training to prepare personnel with life sciences qualifications to transition into specialist roles in medical technology quality assurance and/or regulatory affairs functions and upskill medical technology professionals in the regulatory framework in their existing roles;
- Foster participants' intellectual development and develop skills to work and communicate effectively through various media.

## Career Opportunities

The Irish Medtech Association (IMA) Skillnet asked senior medtech industry executives to identify the current number of employees required to meet current skills demand, and to forecast the number of employees required in medtech organisations up to 2020. The IMA report has estimated that 4,000 additional medical technologies jobs would be added by 2020, with a 43% increase in staff numbers in the regulatory affairs functions and 17% in quality roles.

## Minimum Entry Requirements

Students with a Level 7 or higher qualification in science or engineering are eligible for this Level 8 programme. Students with a Level 7 or higher qualification in a non-technical subject area but who hold a minimum of two years' relevant medtech industrial experience in regulatory affairs or quality are also eligible to apply.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-technology-regulatory-affairs-quality.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-technology-regulatory-affairs-quality.html)



## PROGRAMMES AVAILABLE:

Level 8 Certificate

**DURATION:** 1 year (2 semesters), part-time distance learning (100% online)

**NUMBER OF PLACES:** 40

**COURSE INSTANCE(S):** 1MTD2

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316. For specific funding information visit [www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-technology-regulatory-affairs-quality.html#course\\_fees](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-technology-regulatory-affairs-quality.html#course_fees).

**CLOSING DATE:** 15 August 2023

## CONTACT

Professor Terry Smith

**T:** +353 91 492 022

**E:** [terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** Regulatory affairs and quality professionals at all career and experience levels are involved in activities throughout the product life cycle and in bridging the gap between regulatory-related functions and organisation and business activities.
- 2.** This course will equip graduates with essential knowledge and skills to work in a regulatory affairs and quality environment (Operations Quality, Quality Systems, Validation & Calibration, Risk Assessment) within the medical technology industry sectors.
- 3.** Completing this course will open up a new opportunities and career paths, in quality and/or regulatory affairs, in both Ireland-based and international medical technologies and pharmaceutical enterprises.

Thinking about applying? Contact

[terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)  
or [butler.mary@itsligo.ie](mailto:butler.mary@itsligo.ie)



# Medical Technologies Regulatory Affairs and Operations (Certificate)

## Your Course

This programme has been specifically designed to meet the growing requirements of medical technology companies in filling regulatory and quality assurance roles. The impetus for the development of this specialist programme emerged from industry needs, and the content has been developed in conjunction with a taskforce comprised of regulatory experts from industry, industry practitioners and representatives from the regional skills fora, west and north-west. The Irish MedTech Association (IMA) Skillnet invited senior medtech industry executives to identify the current number of employees required to meet current skills demand, as well as forecasted number of employees required in medtech organisations up to 2025. An estimated 4,000 additional medical technologies jobs are expected to be added by 2025, with a projected 5.5% year-on-year growth.

## Career Opportunities

This programme will equip graduates with essential knowledge and skills to work in a regulatory affairs or quality environment within the highly successful and growing Irish medical technology industry sector, where over 32,000 people are currently employed. It has been specifically designed to meet the growing requirements of medical technology companies in filling regulatory and quality assurance roles.

## Minimum Entry Requirements

Graduates with a Level 7 qualification or higher in a relevant area of science, engineering or technology are eligible, and applications from candidates who hold a Level 7 primary degree in a non-technical subject, and who have at least five years' medical technology industry experience in quality and /or regulatory affairs will also be considered. Candidate interviews may be used to assess candidates' suitability for the programme.

Students applying on the basis of formal qualifications and supplementary accredited prior learning (APL) for core pre-requisites will be required to submit full details and references to the Programme Board for consideration of educational equivalencies.

Prior experiential learning will be assessed using guidelines recommended by the Academic Council of IT Sligo and University of Galway. All applicants whose first language is not English must present a qualification in the English language, e.g., IELTS (no less than 6.5 in ANY component); TOEFL (no less than 88 in ANY component); and Pearson (no less than 61 in ANY component). NOTE: Language tests must be undertaken no more than two years prior to commencement of the course.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/medtech-regulatory-affairs-operations.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medtech-regulatory-affairs-operations.html)

## PROGRAMMES AVAILABLE:

Level 8 Certificate

**DURATION:** 1 year, part-time distance learning (100% online)

**NUMBER OF PLACES:** 40

**COURSE INSTANCE(S):** 1MTD4

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316. For specific funding information visit [www.universityofgalway.ie/taught-postgraduate-courses/medical-technology-regulatory-affairs-operations.html#course\\_fees](http://www.universityofgalway.ie/taught-postgraduate-courses/medical-technology-regulatory-affairs-operations.html#course_fees).

**CLOSING DATE:** 15 August 2023



## CONTACT

Professor Terry Smith

**T:** +353 91 492 022

**E:** [terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)

## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** Regulatory affairs and operations professionals at all career and experience levels are involved in activities throughout the product lifecycle and in bridging the gap between regulatory-related functions, and organisation of business functions.
- 2.** This programme will equip graduates with essential knowledge and skills to work in a regulatory affairs and other support roles, e.g., Operations Quality, Validation and Calibration, Auditing, Market Vigilance, Sterilisation, etc., within the medical technologies industry sector.
- 3.** Completing this programme will open up new opportunities and career paths in regulatory affairs and/or operations in Ireland-based and international medical technologies and pharmaceutical enterprises.

Thinking about applying? Contact

[terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)  
or [butler.mary@itsligo.ie](mailto:butler.mary@itsligo.ie)



# Medical Technologies Regulatory Affairs (MSc)

## Your Course

This programme is being made available online using a combination of distance/e-learning technologies. The educational elements are provided by University of Galway and the Institute of Technology, Sligo staff. Additional lecturing, as required, may be provided by outside specialists and practitioners. The programme consists of 12 modules, each of 5 ECTS, delivered over two years (6 modules per year), and a research project (30 ECTS), carried out over both years of the programme.

## Career Opportunities

Graduates will be equipped with essential knowledge and skills to work in a regulatory affairs environment within the medical technology industry sector. The Irish MedTech Association (IMA) states that the medical technology sector employs over 29,000 people, with 18 of the world's top 25 medical technology companies maintaining a base in Ireland and a further 60% of the 300 medtech companies being indigenous. In a recent joint study of graduates of this MSc by University of Galway/IT Sligo published in *Regulatory Affairs Professionals (RAPS) Regulatory Focus* (2021), it was found that 94% of graduates had moved roles or were promoted since commencing/graduating from the course. Over 85% of graduates stated that the MSc had a positive correlation to their progression.

## Minimum Entry Requirements

Candidates must hold a least a Second Class Honours Level 8 primary degree in a related subject area in science or engineering and at least two years' prior relevant experience in the medical technology industry. Prior medical technology industry experience in regulatory affairs will be considered a distinct advantage in assessing applications. Applications from candidates who hold a relevant degree at Level 7, with at least two years' medical technology industry experience in regulatory affairs, will also be considered.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-technology-regulatory-affairs.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-technology-regulatory-affairs.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 2 years, part-time distance learning (100% online)

**NUMBER OF PLACES:** 25

**COURSE INSTANCE(S):** 1MTR2

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316. For specific funding information visit [www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-technology-regulatory-affairs.html#course\\_fees](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medical-technology-regulatory-affairs.html#course_fees).

**CLOSING DATE:** 20 August 2023

## CONTACT

Professor Terry Smith

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**E:** [terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE



1. 100% online part-time programme for medtech regulatory affairs professionals or personnel working in support functions, e.g., quality, operations, etc. Designed and delivered by regulatory affairs experts and supported by industry RA professionals. Supported by medtech industry representatives.
2. This course will equip you with the essential knowledge, skill set and competencies to function as an RA professional in the medical device industry and contribute to regulatory projects in a medical device company environment.
3. Participants can provide strategic, tactical and operational direction and support for following regulations to expedite the development and delivery of safe and effective healthcare products to people around the world.

Thinking about applying? Contact

[terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)  
or [butler.mary@itsligo.ie](mailto:butler.mary@itsligo.ie)



# Medical Technologies Regulatory Affairs and Quality (HDip)

## Your Course

The Level 8 Higher Diploma in Medical Technology Regulatory Affairs and Quality programme has been specifically designed to meet the growing requirements of medical technology companies in filling regulatory and quality assurance roles. The impetus for the development of this specialist programme emerged from industry needs and the content has been developed in conjunction with regulatory experts from industry, and industry practitioners. The proposed course will link the existing regulations to regulatory requirements and how those requirements are executed across the medical device lifecycle; for example, how to develop technical documentation for regulatory submissions (regulatory affairs professionals); how to perform vigilance post-market surveillance requirements (Vigilance Specialist); core quality management standards and requirements (Quality Assurance or Compliance Specialist); and testing requirements to demonstrate the safety and efficacy of a medical device (R&D Engineer).

## Career Opportunities

This programme has been specifically designed to meet the growing requirements of medical technology companies in filling regulatory and quality assurance roles. The impetus for the development of this specialist programme emerged from industry needs, and the content has been developed in conjunction with a taskforce comprised of regulatory experts from industry, industry practitioners and representatives from the regional skills fora, for the west and north-west. The Irish Medtech Association (IMA) Skillnet asked senior medtech industry executives to identify the current number of employees required to meet current skills demand and to forecast the number of employees required in medtech organisations up to 2020. The Industrial Development Authority (IDA)(2021) has estimated that there are 32,000 people working in medical technologies jobs, and the IMA (2018) forecast a 43% increase in staff numbers in regulatory affairs functions and 17% in quality roles.

## Minimum Entry Requirements

Graduates who have a Level 7 qualification in a relevant area of science, engineering, or technology are eligible to apply for this programme. Applications from candidates who hold a Level 7 primary degree in a non-technical subject, and who have at least five years' medical technology industry experience in quality and/or regulatory affairs will be considered. Candidate interviews may be used. Global students, whose first language is not English, will be required to prove their English competency (e.g., IELTS English language proficiency of 6.5 [with no band less than 6.0 in each element of the test]) or equivalent, and will also need to provide evidence of their oral communication skills at interview. In addition, they will need to provide evidence of having relevant experience in research (laboratory and/or computational desk-based research).

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/medtech-regulatory-affairs-hdip.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medtech-regulatory-affairs-hdip.html)

### PROGRAMMES AVAILABLE:

Higher Diploma

**DURATION:** 2 years, part-time, online distance learning (100% online)

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1MTD1

**FEES AND FUNDING:** Fees information and funding opportunities: pages 314 and 316. For specific funding information visit [www.universityofgalway.ie/courses/taught-postgraduate-courses/medtech-regulatory-affairs-hdip.html#course\\_fees](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/medtech-regulatory-affairs-hdip.html#course_fees).

**CLOSING DATE:** 17 August 2023

### CONTACT

Professor Terry Smith

**T:** +353 91 492 022

**E:** [terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

1. Regulatory affairs and quality professionals at all career and experience levels are involved in activities throughout the product lifecycle and in bridging the gap between regulatory-related functions and organisation and business activities.
2. This programme will equip graduates with essential knowledge and skills to work in a regulatory affairs or quality role, or within a support function, e.g., Market Vigilance, Risk Mgmt., Operations Quality, Validation & Calibration, Auditing, Sterilisation, etc., within the medtech industry.
3. Completing this course will open up a new opportunities and career paths, in quality and/or regulatory affairs, in both Irish and international medtech enterprises.

Thinking about applying? Contact

[terry.smith@universityofgalway.ie](mailto:terry.smith@universityofgalway.ie)  
or [butler.mary@itsligo.ie](mailto:butler.mary@itsligo.ie)





# AgriBiosciences

## (Structured Master's: Research)

### Your Course

The MSc (AgriBiosciences) combines both taught and research elements and is designed for students who want to develop careers in the vibrant agriculture, agrifood and bio-economy sectors in Ireland or internationally. The programme provides graduates with a broad understanding of the agricultural sector in its scientific, economic and environmental context, on which key research skills and practical experiences are built. Students complete their research project within research teams in the Plant and AgriBiosciences Centre (PABC), the partner organisation Teagasc, or in a cutting-edge agri-business. The research project is complemented by specialised training modules to equip each MSc graduate for a vibrant career in the agriculture and agri-food sector. The taught component consists of 20 ECTS of discipline-specific modules which provide relevant, hands-on training to graduates in agri-related topics.

### Career Opportunities

Integral to the MSc programme is a seven-month research placement in a world-leading research team in Teagasc, University of Galway, or cutting-edge agribusiness. The programme's research placements offer students the opportunity to develop the necessary skills to work within a research or industry setting of their choice, deliver a research project and formulate an associated thesis while simultaneously availing of excellent follow-on employment opportunities in industry and research.

### Minimum Entry Requirements

NQAI Level 8 honours degree or equivalent to a minimum standard of Second Class Honours, Grade 1 or equivalent in an appropriate discipline is required.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/mscagribiosciences.html](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/mscagribiosciences.html)



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



**PROGRAMMES AVAILABLE:**  
Structured Research Master's

**DURATION:** 1 year

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MBS1, full-time; 1MBS2, part-time

**FEES AND FUNDING:**  
Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** See page 312 for full details of when and how to apply.

### CONTACT

Professor Charles Spillane  
Dr Galina Brychkova  
Plant and AgriBiosciences  
Research Centre (PABC),  
Ryan Institute  
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[galina.brychkova@universityofgalway.ie](mailto:galina.brychkova@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



1. Specifically tailored to transition you to a career in the vibrant and exciting agriculture and agri-food sector in Ireland or internationally.
2. The MSc (AgriBiosciences) has been developed in partnership with Ireland's national agri-research body Teagasc and provides the opportunity to gain research experience with Teagasc or other world-leading national/international agriculture or agri-food employers.
3. The programme provides hands-on training in understanding the agrifood sector, sustainability challenges, agribusiness and agrifood markets, and in developing career strategy skills.



# Agrifood Sustainability and Technology

## Your Course

The agrifood sector is Ireland's largest indigenous industry employing over 150,000 people, involving over 600 leading companies, and generating an annual output of over €24 billion. Globally, food and agriculture (agrifood) is a US\$8 trillion industry, responsible for feeding the planet and employing 40% of the global workforce. The agrifood sector faces major sustainability and innovation challenges. The University of Galway master's degree in AgriFood Sustainability & Technology generates graduates with the interdisciplinary skills to respond to such challenges and opportunities both in Ireland, and in other leading agrifood nations worldwide.

## Career Opportunities

Graduates of the MSc (AgriFood Sustainability & Technology) will fill a much-needed skills gap in the workplace for graduates who have the multidisciplinary knowledge and skills regarding agrifood sustainability and innovation to drive positive change in the agrifood sector in Ireland and globally. Graduates will be provided with significant career training throughout the program so that they will be highly competitive for positions in leading-edge agrifood companies and public sector organisations (e.g., government agencies, regulatory bodies, etc.) in Ireland and globally. Graduates who are interested in establishing their own enterprises or companies will also be facilitated by the MSc (AgriFood Sustainability & Technology) programme.

## Minimum Entry Requirements

Honours bachelor degree in any relevant discipline at 2.2 grade or higher, or equivalent. Applications will be assessed based on the academic grades. Work experience may also be taken in account.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/agrifood-sustainability-and-technology.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/agrifood-sustainability-and-technology.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1AST1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

Professor Charles Spillane  
Dr Galina Brychkova  
E: [charles.spillane@universityofgalway.ie](mailto:charles.spillane@universityofgalway.ie)  
[galina.brychkova@universityofgalway.ie](mailto:galina.brychkova@universityofgalway.ie)



### 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** The University of Galway Master's in AgriFood Sustainability & Technology will help you make a difference in the agrifood sector.
- 2.** The University of Galway Master's in AgriFood Sustainability & Technology will build from your existing skills.
- 3.** The University of Galway Master's in AgriFood Sustainability & Technology will significantly advance your career in the agrifood sector.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Biodiversity & Land Use Planning

## (Blended Learning or Modular Basis)

### Your Course

This course provides you with the crucial skills and knowledge to manage biodiversity resources sustainably. The programme's objectives are:

- To integrate international perspectives and new research findings into a biodiversity and land-use approach;
- To provide research-led opportunities that will help find solutions to conservation and planning conflicts;
- To develop expertise within local authority and public/private sector staff to meet international biodiversity and conservation obligations.

This course is devoted to scientific and policy coursework delivered in a blended learning format, comprising a mixture of face-to-face contact (approximately 12–15 hours per module) and private study combined with online support. Students are expected to carry out projects and prepare written reports and oral presentations on relevant subjects. Aimed at individuals employed in the conservation, planning and engineering sectors, this course has been re-developed to meet the needs of working graduates wanting to upskill or change careers. Flexible learning opportunities are a key aim of this programme, and students can now complete individual modules in a 'select and pay-as-you-go' fashion. Credits for modules taken may be accumulated over a period of up to six years.

### Career Opportunities

Our obligations to protect the environment under EU legislation mean that this course will play a pivotal role for those currently working in, or who wish to enter, the planning or engineering professions in local government or as private consultants. Graduates of this course will ensure that governments, local authorities and private consultancies will help implement sustainable policies that contribute to economic recovery while managing limited biodiversity resources.

### Minimum Entry Requirements

The programme is open to individuals who have a Level 8 primary degree or equivalent in an appropriate discipline. Applicants who do not have an academic background but have relevant experience may also apply.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/biodiversity-land-use-planning.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/biodiversity-land-use-planning.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 2 years, blended learning; 2–6 years, modular

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1MBL2, blended learning; 1MBU1, modular

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** The programme has been jointly developed with Galway County Council to meet identified training needs.
- 2.** It is designed to enhance the skills of local authority and private consultancy staff and to help to ensure compliance with the requirements of the Habitats Directive.
- 3.** The programme assists in meeting such legal obligations as Strategic Environmental Assessments, Environmental Impact Assessments, and Appropriate Assessments.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Climate Change, Agriculture and Food Security

## Your Course

The world's climate is rapidly changing due to global warming. This poses major challenges for future agricultural systems to provide food and other bioresources for the nine billion people who will occupy the planet by 2050. The inter-disciplinary MSc in Climate Change, Agriculture and Food Security (CCAFS) provides students with the skills and tools for developing agricultural practices, policies and inventions to address the challenge that global warming poses for agriculture and food security worldwide. This programme is aimed at students who want to combine scientific, engineering, technical, social and/or policy skills so that they are better equipped to understand and make significant contributions regarding the adaptation to and mitigation of climate change impacts on global agriculture and food security.

The MSc CCAFS is run in partnership with the global CCAFS programme and includes nine in-depth modules taught by leading researchers and experts; training in multidisciplinary research skills, science communication and career development; and a 30 ECTS research project. The majority of MSc CCAFS students do their projects with world-leading partner organisations in Africa, Asia, Latin America and Europe including eight Consortium of International Agricultural Research Centers (CGIAR), the Food and Agriculture Organization of the UN (FAO), World Food Program (WFP), International Fund for Agricultural Development (IFAD), World Bank, NGOs, universities and companies.

## Career Opportunities

Graduates of this MSc are developing excellent careers in research, policy, enterprise, business, administration and other sustainable development activities across a wide range of public and private sector institutions internationally. Career mentoring, advice, strategy and facilitation is provided to all students on the MSc CCAFS to ensure that they rapidly enter employment in relevant institutions and activities, where they can build on their interests, experience and training.

## Minimum Entry Requirements

NQAI Level 8 honours degree or equivalent to a minimum standard of Second Class Honours, Grade 1 or equivalent in an appropriate discipline is normally required.

## FIND OUT MORE AT:

[www.universityofgalway.ie/ccafs](http://www.universityofgalway.ie/ccafs) OR  
[www.plantagbiosciences.org/msc-ccafs](http://www.plantagbiosciences.org/msc-ccafs)

Thinking about  
applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



RESEARCH PROGRAM ON  
Climate Change,  
Agriculture and  
Food Security



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 30

**COURSE INSTANCE(S):** 1MCA1

## FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



## CONTACT

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Dr Peter McKeown  
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[peter.mckeown@universityofgalway.ie](mailto:peter.mckeown@universityofgalway.ie)



## 3 GOOD REASONS TO STUDY THIS COURSE

### 1. Excellence in

#### interdisciplinary training:

Awarded the GradIreland 2017 Best New Postgraduate Course title.

### 2. Mobility opportunity:

All students complete a research project or internship worth one-third of the final grade; this research may be completed at the student's place of work, within the international CGIAR Research Programme on Climate Change, Agriculture and Food Security, or in collaboration with other institutional partners.

### 3. Buoyant jobs market for graduates:

Former students now work in the FAO (Rome), UNICEF (New York), FoodTure (Ireland), CIAT (Colombia), climate-smart agriculture and aquaculture programmes (Malawi, Zambia), and PhD studies in agroforestry, agrometeorology and livestock emissions.



# Environmental Leadership

## Your Course

The multidisciplinary MSc in Environmental Leadership will equip you with an advanced level of knowledge and problem-solving, management and communication skills in key areas relevant to environmental sectors. It combines modules across several disciplines to provide you with a capacity and capability for environmental leadership relevant to your career trajectory. The course has a focus on cross-sector skills and competencies that can be transferred from one topic/occupational area to another, so enabling national and international occupational mobility for its graduates.

## Career Opportunities

The MSc in Environmental Leadership provides training in governance, management and communication relevant to the environmental, marine and energy sectors, and will provide you with the competencies to obtain employment in research, policy development or management. The course will produce well-rounded, motivated, mobile and dynamic problem-solvers and leaders who can work in any area related to the environment, marine and energy sectors.

The subject knowledge, transferable skills and thesis elements of the course are designed to provide you with the opportunity to carry out further research, work in the public or private sector, or create your own employment.

## Minimum Entry Requirements

Applicants must have a primary degree with a 2.1 or above, or equivalent in a relevant discipline. Applicants who do not have an academic background and have relevant experience are welcome to apply. They may be required to attend an interview.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/environmental-leadership.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/environmental-leadership.html)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 12 months

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1EVL1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

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Dr Caitriona Carlin

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. This MSc has a focus on cross-sector skills relevant to the environment, marine and energy sectors.
2. The programme is taught by experts across a vast range of disciplines at University of Galway.
3. The course will provide you with the capacity and transferable skills to seek employment in research, policy development or management.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

# Student Profile

## A little about our students

"The MSc in Environmental Leadership has prepared me to progress to a career involving the marine environment. I entered this course with a BSc in Applied Freshwater and Marine Biology; moving forward I wanted to further my BSc with a deeper level of knowledge and improved skill set for environmental work, particularly in marine conservation. This MSc provided me with an opportunity to participate in well-rounded modules and projects relevant to our changing natural world, addressing environmental concerns such as rising sea levels and pollution. Providing key skills in communication, problem-solving and management, this course is conducted by excellent lecturers and researchers respected for their expertise and providing their students with the education and guidance to progress in a vast range of careers in environmental sectors.

Leadership and the methods of communicating how global crises are dealt with are both greatly tested in our world today. I have gained invaluable knowledge and experience that has provided me with clarity on how to address climate and environmental changes. I have learned about the value of nature and the importance of not just the results of research findings but also the need to effectively and appropriately communicate those to individuals and communities in society and to governments and international bodies; our changing world requires this inclusive collaboration from all nations for guidance on how to move toward global sustainability.

Moving forward from this course I feel confident and prepared for my future: to learn, live and lead in reshaping the way humanity lives and uses the marine world."

**Gráinne Griffin**

MSc Environmental Leadership



# Marine & Freshwater Resources: Management

## Your Course

This MSc will enable graduates to develop a core understanding and advanced level of knowledge and skills in key areas relevant to the marine and freshwater environment. This will give them the skills required to start addressing some of the critical challenges society will face during the 21st century from human impact on the aquatic environment. Graduates will learn advanced problem-solving, management, analytical and communication skills. This will develop their capacity and capability for scientific leadership and solution-based approaches relevant to their career trajectory. The programme builds on existing undergraduate courses in Earth and Ocean Sciences, Marine Science, Environmental Science, Civil Engineering, Geography and Geosystems and general Bachelor of Science degree courses. The MSc sets out to equip students with a broad range of skills and an understanding of the fundamental concepts underpinning the functioning of aquatic systems, the ability to communicate about them in a meaningful way and the ability to make informed and responsible decisions regarding marine and freshwater resources.

## Career Opportunities

The course will produce well-rounded, motivated, mobile and dynamic problem-solvers and leaders who can work in any area related to the marine and freshwater environments and related industry. The subject knowledge, transferable skills and thesis elements of the course are designed to provide graduates with the opportunity to carry out further research, work in the public or private sector, or create their own employment. Careers such as project managers, consultants and advisors exist within public and private sectors in Ireland and elsewhere.

## Minimum Entry Requirements

Minimum academic standards (proposed 2.1 honours, though 2.2 students with relevant experience will also be considered). English language proficiency: IELTS 6.5 (University of Galway minimum requirement). Recognition of Prior Learning (RPL) is considered.

The Programme Board will consider non-standard applications. Both the appropriate discipline and required relevant experience are at the discretion of the Programme Board.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/msc-marine-freshwater.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/msc-marine-freshwater.html)



Thinking about applying?

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 20

**COURSE INSTANCE(S):** 1MFR1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. See page 312 for full details of when and how to apply.



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Dr Tiernan Henry

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## 3 GOOD REASONS TO STUDY THIS COURSE



1. In the 2020 *Times Higher Education Impact Rankings* University of Galway was ranked in the Top 10 for education and actions to support aquatic ecosystems, both locally and globally (UN-SDG14).
2. The course will provide graduates with a portfolio of generic skills allowing them to compete for PhD programmes and improve their ability for other research roles and it will also provide upskilling for existing professionals.
3. This MSc provides training in critical knowledge areas, understanding knowledge gaps in aquatic environments and related human activities, and the capacity to engage in activities for their assessment, governance, management, and communication, relevant to the environmental sector and will (1) provide graduates with competences to obtain employment and (2) help meet targets in relation to environmental obligations under international directives and the transition to sustainability.



# Ocean, Atmosphere and Climate

## (Structured Master's: Research)

### Your Course

The human biogeochemical footprint is increasing and the future life and sustainability of our planet will be determined by societal choices in addition to natural variability. University of Galway, with the Centre for Climate & Air Pollution Studies and the Earth & Ocean Sciences, is at the forefront of interdisciplinary and multidisciplinary climate research that is instrumental in addressing these pressing societal challenges and, with all of us facing the consequences of climate change, the research is more relevant today than ever before. This new MSc course bridges the boundaries between ocean and atmosphere and provides graduates with a broad understanding of how this coupled system works and how it affects and is affected by climate and human activities. The MSc covers environmental policy aspects to provide skills required for an emerging coastal and offshore renewable energy sector. It combines both taught and research elements and is designed for students who want to develop careers in this vibrant, global and multidisciplinary area.

### Career Opportunities

Integral to the MSc programme is a seven-month research placement in a world-leading partner organisation under the international SOLAS program ([solas-int.org](http://solas-int.org)) to work with renowned scientists in the respective areas. Owing to our long-standing relationship with major stakeholders, these placements offer students an opportunity to develop the necessary skills to continue with PhD studies or work in marine renewable energy and other marine/atmosphere related industry settings.

### Minimum Entry Requirements

NQAI Level 8 honours degree or equivalent to a minimum standard of Second Class Honours, Grade 1 or equivalent in an appropriate discipline.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/ocean-atmosphere-climate-interactions-structured.html](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/ocean-atmosphere-climate-interactions-structured.html)

### PROGRAMMES AVAILABLE:

Structured Research Master's

**DURATION:** 1 year

**NUMBER OF PLACES:** 20

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.

### CONTACT

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### 3 GOOD REASONS TO STUDY THIS COURSE



- 1.** A partnership with an international program provides the best opportunity to gain research experience across disciplinary and national boundaries.
- 2.** Opportunity to learn from and work with world-renowned experts in the field of Climate and Sustainability.
- 3.** Provides hands-on training in understanding the key interactions and feedbacks between the ocean and atmosphere and how this coupled system affects and is affected by climate; investigates sustainability challenges and enables appropriate career skills.



Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Sustainable Environments

## Your Course

The environment and human health are inextricably linked. This new, multidisciplinary course integrates environment, health and sustainability issues and considers their impact within the natural and built environment. It combines modules from Environmental Science, Engineering and Economics to provide students with experience of research-led learning opportunities that will develop skills in identifying and evaluating sustainable solutions for real-world environmental problems. Field trips to learn from the practical experience of professionals are an essential element of this course. The programme is open to students from a variety of backgrounds. It enables them to explore environmental and social aspects of resilience. Learning from the practical experience of professionals is an essential element of this course.

## Career Opportunities

Opportunities exist within the green economy as governments, NGOs and corporations must work to meet environmental targets set under international obligations. Graduates go on to work in the following areas: industry-based environmental management, environmental analysis, environmental consultancy, agri-environmental advice, waste management policy, environmental quality control, governmental nature conservation organisations; consultancy-based climate change research; or as researchers; or for non-governmental biodiversity organisations, community-led local government and local authorities.

## Minimum Entry Requirements

Places are limited (15) and selection is based on each candidate's academic record/relevant experience, personal statement, and letters of recommendation.

Applicants must have a primary degree with a Second Class Honours, or equivalent, in a relevant discipline. Relevant disciplines include science, marine science, engineering, environmental science, geography, social science, health promotion, engineering, economics or other related disciplines.

Applicants who do not have an academic background and have relevant experience are welcome to apply. They may be required to attend an interview.

### FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/sustainable-environments.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/sustainable-environments.html)

**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** 1SEV1

### FEES AND FUNDING:

Fees information and funding opportunities: pages 314 and 316.

**WHEN TO APPLY:** University of Galway does not set a deadline for receipt of applications (with some exceptions). Offers will be issued on a continuous basis. Candidates are encouraged to apply as early as possible. See page 312 for full details of when and how to apply.



### CONTACT

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## 3 GOOD REASONS TO STUDY THIS COURSE

1. Do this course if you learn best by doing. You will develop skills that can be used in a wide range of jobs.
2. Do this course if you want to work with people and with communities, and combine aspects of health, environment, and urban and rural sustainability.
3. Do this course if you care about environmental sustainability and resilience and want a practical and applied career that addresses global challenges in a national context.

Thinking about applying?



[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)



# Sustainable Resource Management: Policy & Practice

## Your Course

Semester 1 comprises four modules taught in University of Galway: Ecosystem Assessment (10 ECTS); Biodiversity and Conservation (5 ECTS); Environment and Human Health (5 ECTS); and Environmental Problems and Solutions (10 ECTS). Semester 2 comprises four modules taught in the University of Limerick (UL): Material and Energy Flows (9 ECTS); Urban Form and Transport (9 ECTS); Urban Household Sustainability (6 ECTS); and Sustainable Lifecycle Engineering (6 ECTS). Semester 3: research project worth 30 ECTS, based either at UL or University of Galway.

## Career Opportunities

Opportunities exist within the green economy as governments, NGOs and corporations must work to meet environmental targets set under international obligations. Graduates work in the following areas: industry-based environmental management, environmental analysis, environmental consultancy, agri-environmental advice, waste management policy, environmental quality control, consultancy-based climate change research; or as researchers; or for non-governmental conservation organisations and local authorities.

## Minimum Entry Requirements

At least a Second Class Honours primary degree (NQAI Level 8) in an appropriate discipline, or a professional or other equivalent qualification recognised by both UL and University of Galway. Appropriate disciplines include environmental sciences; engineering or geography; biological sciences; and ecology and earth sciences. Mature students with relevant experience are most welcome to apply. Applicants may be required to attend for interview.

## FIND OUT MORE AT:

[www.universityofgalway.ie/courses/taught-postgraduate-courses/sustainable-resource-management.html](http://www.universityofgalway.ie/courses/taught-postgraduate-courses/sustainable-resource-management.html)

BioBlitz on-campus event  
Photo: Oisín Duffy



**PROGRAMMES AVAILABLE:** MSc

**DURATION:** 1 year, full-time

**NUMBER OF PLACES:** 15

**COURSE INSTANCE(S):** N/A.

Apply online at

[www.graduateschool.ul.ie](http://www.graduateschool.ul.ie).

Follow the links for postgraduate study, Faculty of Science and Engineering.

**FEES AND FUNDING:**

Fees information and funding opportunities: pages 314 and 316.

**CLOSING DATE:** See course website.



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## 3 GOOD REASONS TO STUDY THIS COURSE

- 1.** This novel course is a multidisciplinary approach to environmental sustainability devised by University of Galway and UL.
- 2.** The course is structured around research that is strongly linked to decision makers in industry and government organisations. By undertaking the course, students will develop the necessary skills to identify and evaluate solutions for real-world problems.
- 3.** The course meets the needs of those graduates with continued interest in a sustainability-based, taught MSc and responds to market demands for graduates with more applied knowledge of the environmental sector. The course aims to provide participants with the skills, knowledge and experience required to pursue successful careers in managing environmental resources sustainably.

Thinking about applying?



[www.graduateschool.ul.ie](http://www.graduateschool.ul.ie)



# Research Studies

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University of Galway has a growing international profile for its research in five key areas.

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# Our researchers are shaping the future. Be inspired; be part of it.

University of Galway is committed to world-class research and creating new knowledge in key areas across science, engineering, medicine, the social sciences and the humanities.

## Our strategic focus is on five key priority areas:



Sustaining our planet and people



Realising potential through data and enabling technologies



Enhancing policy and society



Improving health and well-being



Enriching creativity and culture

There are thousands of great minds at the university who are helping to shape the future through research and discovery. The following sections provide you with some information on the scale and size of research that is currently underway at University of Galway. As a postgraduate student, you could become part of this research. You could help advance sustainable sources of energy, improve human health through new treatments for diabetes and cancer, change public policies to improve human welfare, or promote the creative industries through research on our culture, language and heritage. The scope of our research here at University of Galway is far reaching. You can join us and help us shape the future for the better.

## Research matters—join us in changing the world.





# Enhancing policy and society

## Purpose

We work to build a foundation of people-centred knowledge so that policy frameworks and economic approaches can be improved for the benefit of society.

## People

Through engaged research with communities, we focus on inclusive societies, children, families and human rights. Through our work with businesses and government agencies, our people carry out research in fields such as health policy and economics, sustainable economic development, business innovation and entrepreneurship.

## Place

Our international reputation is supported by research from across our colleges and by our **Institute for Lifecourse and Society** and the **Whitaker Institute for Innovation and Societal Change**.







The late  
Dr T.K. Whitaker,  
after whom the  
Whitaker Institute is named,  
during a visit to  
University of Galway

## The Whitaker Institute

**The Whitaker Institute for Innovation and Societal Change** is the major structure for supporting research in business and the social sciences at University of Galway. Inspired by the themes that motivated Dr T.K. Whitaker's life work, the institute has identified three major themes, in the development of which it plans to be a national and international leader:

- Business, Innovation and Economic Development;
- Public-Sector Innovation and Reform;
- Sustainable and Inclusive Societies.

To support these themes, the institute has a range of well-established and emerging multidisciplinary research clusters focused on evidence-based policy and practice.

The scale and scope of the Whitaker Institute's activities create a vibrant research environment that provides staff and students with the opportunity to engage with leading international scholars and a wide range of regional, national and international stakeholders.

[www.universityofgalway.ie/whitakerinstitute](http://www.universityofgalway.ie/whitakerinstitute)

## Social Sciences in Ireland

The Institute for Lifecourse and Society (ILAS), under the directorship of Professor Pat Dolan, is a designated research institute for the applied social sciences at University of Galway. The institute supports applied research that informs policy development and practice to make a positive difference to people's lives. ILAS brings together existing work in relation to targeted populations, such as older persons, children and families, and persons with disabilities, into one domain of research, teaching and policy. Its core function is the pursuit of interdisciplinary research in the social sciences by creatively integrating the rich and diverse intellectual resources from within the university and beyond.

ILAS is based in part on the commitment, expertise and track record of its three constituent research centres in University of Galway—**UNESCO Child and Family Research Centre**, **Irish Centre for Social Gerontology** and **Centre for Disability Law and Policy**. Additional research communities that have joined the institute include the **Irish Centre for Autism and Neurodevelopmental Research (ICAN)**, **Health Economics and Policy Analysis (HEPA)** and **Community Knowledge Initiative (CKI)**. Additionally, a range of stakeholders, including research centres, research clusters, community demonstration projects and individual academics drawn from an impressive range of colleges, schools and disciplines (including health, law, economics and

sociology) within University of Galway have formally expressed an interest in joining the institute.

[www.universityofgalway.ie/lifecourseinstitute](http://www.universityofgalway.ie/lifecourseinstitute)

## UNESCO Child and Family Research Centre (UCFRC)

University of Galway is home to the Republic of Ireland's first UNESCO Chair in Children, Youth and Civic Engagement. As part of University of Galway's ILAS, the UCFRC undertakes research, education and training in the areas of family support and youth development. The centre's unique expertise in children and family policy, evaluation and programme planning is internationally recognised, and with the support of UNESCO, the UCFRC engages in a range of collaborations, supporting research that informs policy development and applied practice in Europe, the United States and Africa.

[www.childandfamilyresearch.ie](http://www.childandfamilyresearch.ie)

## Irish Centre for Social Gerontology (ICSG)

This multidisciplinary centre, which has excellent international links, focuses on research, education and training in the fields of ageing and social gerontology. Underpinning this research is recognition of the diversity of ageing populations and the increasing need to adopt interdisciplinary perspectives and novel approaches to addressing the questions raised by population ageing.

Researchers at the ICSG focus on such areas as the economics of ageing, social policies for ageing societies, ageing and place, and health and well-being in later life. The ICSG plays a leading role in the ILAS, engaging in joint research with the Centre for Disability Law and Policy, the UCFRC and other groups.

[www.icsg.ie](http://www.icsg.ie)

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Committed to building a foundation of knowledge to drive innovation and the understanding of social entrepreneurial strategies.

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### **Centre for Disability Law and Policy**

The **Centre for Disability Law and Policy** is an internationally recognised centre of research excellence at University of Galway's School of Law. It was founded in 2008 and was the first of its kind in Europe. The centre focuses on advancing social justice and human rights for people with disabilities through legislative and policy reform. Its staff and students have been centrally involved in the development of the UN Convention on the Rights of Persons with Disabilities and its implementation around the world. Students who come to study with us in Galway will have opportunities to engage with leading thinkers, activists, and policy-makers from around the world. Centre alumni have gone on to hold the highest offices with responsibility for disability rights, including within national governments, regional and international advocacy organisations, and the United Nations (UN). The networking and knowledge exchange opportunities available to our students is second to none. These include our world-famous International Disability Law Summer School and internship opportunities within the UN system. The centre welcomes students from diverse cultures and disciplinary backgrounds and with a wide range of life experiences—including disabled students from around the globe.

[www.universityofgalway.ie/cdlp](http://www.universityofgalway.ie/cdlp)

### **World-renowned Centre for Human Rights Law**

The **Irish Centre for Human Rights** is one of the world's premier university-based institutions for the study and promotion of human rights and humanitarian law. It has developed a global reputation for excellence in the field of human rights teaching, research and advocacy. This thriving research community allows students to engage in research on a broad

spectrum of topics, including international human rights law, international criminal law, international humanitarian law and international relations. The centre's international reputation attracts high-quality students to what is a thriving community of doctoral researchers. Researchers come from diverse cultural, educational, and experiential backgrounds and from every corner of the globe. The excellence of the centre's teaching faculty and its general collegial atmosphere of shared pursuit encourage a high level of achievement.

[www.universityofgalway.ie/human\\_rights](http://www.universityofgalway.ie/human_rights)

### **Health Promotion Research**

Our **Health Promotion Research Centre (HPRC)**, the only one of its kind in Ireland, has been designated as a World Health Organisation (WHO) Collaborating Centre for Health Promotion Research since 2009. The centre produces high-quality research that supports the development of best practice and policy in health promotion. The objectives of the HPRC include:

- The generation and dissemination of health promotion research that is of national and international relevance;
- The translation of research that will lead to the development of healthy public policy and evidence-informed practice.

The HPRC collaborates with national, European and international agencies, including the EU and WHO, on the development and evaluation of health promotion initiatives. The centre has an active multidisciplinary research programme in place, with 38 staff undertaking independent and commissioned research work. Staff contribute to educational programmes in health promotion and the supervision of doctoral and master's research dissertations.

[www.universityofgalway.ie/hprc](http://www.universityofgalway.ie/hprc)

The Health Promotion Research Centre collaborates with national, European and international agencies, including the EU and WHO, on the development and evaluation of health promotion initiatives.





# Enriching creativity and culture

## Purpose

Our research in the arts and humanities is allowing us to unlock and enrich creativity and culture. Through historical, literary and performance research, language, culture and identity—with a particular focus on an Ghaeilge—we are understanding who we are.

## People

Through our expertise in creative arts, geography, place and politics we are exploring the interconnectedness of global societies. We collaborate internationally and support major research projects, often drawing on our rich archival collections dating back to 1485.

## Place

We connect with our region and local identity, as Galway is a city of creativity and culture where the arts flourish. Our commitment to world-leading inquiry in humanities, culture, and society emerges across the disciplines and through our **Moore Institute** for Research in the Humanities and Social Studies.

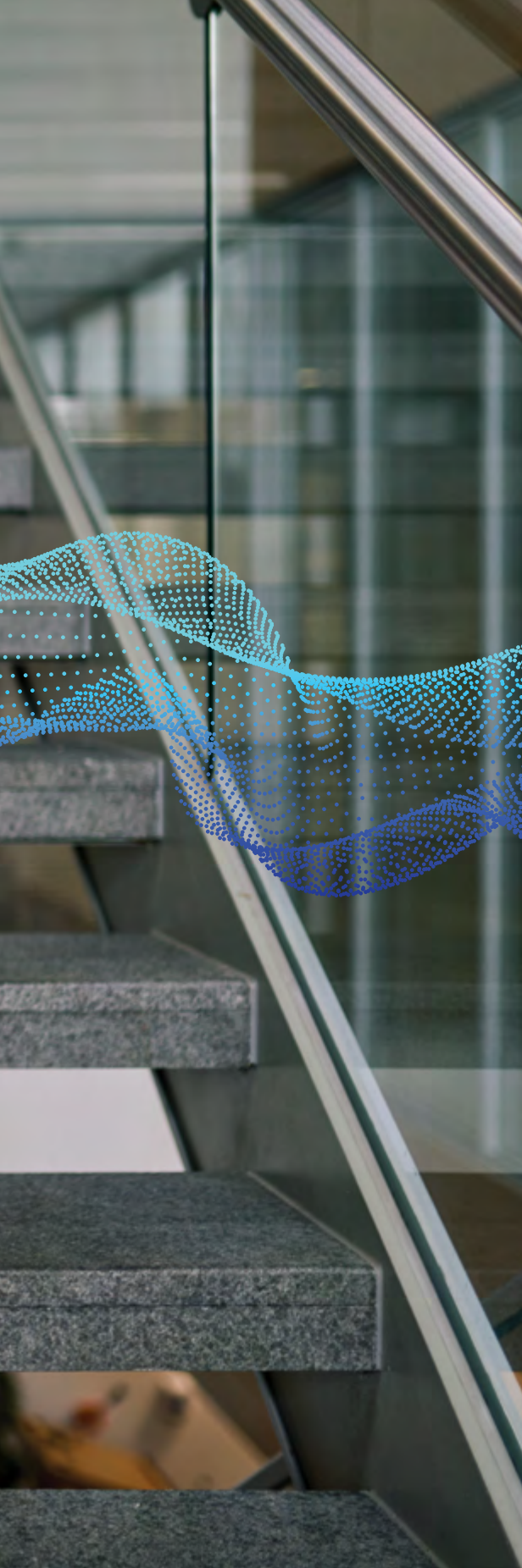








“Our ambition is for students to contribute to the developing digital arts and humanities community world-wide.”



## Moore Institute: Exploring the Interconnection Between Creativity and Innovation

The **Moore Institute** brings together a dynamic group of researchers working on projects in the humanities and social studies, including interdisciplinary investigation of literature, history, politics, language, digital humanities, theatre, performance, Irish studies, gender, social issues, landscape, archaeology, and geography.

We support postgraduates, postdoctoral fellows and academic staff throughout the College of Arts, Social Sciences, and Celtic Studies by hosting seminars, conferences, exhibitions, discussion groups and other events. We also host visiting scholars from around the world, integrating University of Galway with leading research at a global level.

We work closely with the James Hardiman Library to maximize our exceptional archival collections in theatre, Irish politics and landscape, among other areas.

[www.universityofgalway.ie/mooreinstitute](http://www.universityofgalway.ie/mooreinstitute)


## Leading the Way in Digital Humanities

The Moore Institute at University of Galway has a major commitment to Digital Humanities (DH). DH brings together expertise and methodologies from humanities scholars with new digital technologies—ranging from online digital archives of historical and cultural material, to the application of computational tools (e.g., data-mining), the creation of 'born-digital' creative works, and broader investigations of the impact of digital technology on society.

DH thrives on collaboration between researchers in the humanities, information technology, libraries and archives, media and heritage industries, and creative arts.

The Moore Institute hosts a large variety of DH projects and resources and offers training and support for students and scholars engaged in DH research. It also hosts the Digital Arts and Humanities PhD programme through which it provides fourth-level researchers with the platform, structures, partnerships, and innovation models to engage and collaborate with a wide range of academics and practitioners.





Fostering new generations of theatre makers, researchers and playwrights, who will change how we produce and think about drama.

### **World's Largest Theatre Archive Digitisation Project**

In 2012, University of Galway entered into a strategic partnership with the Abbey Theatre, Ireland's National Theatre, to digitise the complete Abbey Archive. In what is the world's largest theatre digitisation project, University of Galway researchers are making available for the first time one of Ireland's most significant literary, historical, social and cultural archives. In 2016, University of Galway announced that it was also producing a digital archive of the Gate Theatre and an oral history project involving Druid Theatre. These exciting Digital Humanities projects place University of Galway at the forefront of international theatre research.

[www.library.universityofgalway.ie/collections/archives](http://www.library.universityofgalway.ie/collections/archives)

### **Drama and Theatre Studies at University of Galway**

University of Galway is a leading international centre for the study of Irish theatre and performance. The O'Donoghue Centre for Drama, Theatre and Performance focuses on research and practice in drama and the performing arts, and our staff have special strengths in practice-based research, Irish theatre, applied theatre, and writing for theatre (including playwriting), among other areas. The introduction of Drama, Film and Theatre Studies as a leaving certificate subject for 2024 positions the O'Donoghue Centre as a leading educational destination to develop a new generation of school teachers with skills in these areas.

Central to our activities are links with the Irish theatre sector. The university has forged dynamic partnerships with key cultural arts

organisations in Ireland, including the Abbey Theatre, Druid Theatre Company, and the Galway International Arts Festival. The centre hosts regular visits from leading writers, practitioners, and scholars, and holds major international conferences annually. Student productions take place throughout the year, staged both on campus and in city theatres.

In 2014, Druid Theatre Company and University of Galway launched the Druid Academy and in 2022, announced a new strategic 10-year partnership. Its aim is to foster new generations of theatre makers, researchers and playwrights, who will change the way we produce and think about drama in Galway, Ireland and the world. Tony Award-winning director Dr Garry Hynes has taken up the role of Adjunct Professor of Drama at University of Galway. As a result, our students benefit from regular workshops and master classes with the renowned director, as well as with many other members of the Druid ensemble and company.

**The O'Donoghue Centre for Drama, Theatre and Performance** is a thriving research community. Most of our PhD students have won competitive scholarships in support of their research, and we also welcome funded post-doctoral fellows and visiting researchers every year. Current and past projects include practice-based PhDs on dance and disability, verbatim theatre and oral history, connecting schools with professional theatres, examining Lady Gregory's plays through applied theatre practice, autobiographical theatre, Shaw's Irish plays and Yeats's dance plays. Other areas of ongoing and completed PhD research include Shakespeare and Ireland, intercultural theatre, site-specific performance, Irish scenography, amateur theatre, and more.

# The archive collections include over 350 unique archival and special collections.

Our research students are given extensive use of first-rate archival and research facilities and have access to rehearsal spaces, a 120-seat theatre, writers' studio space, and much more.

University of Galway research students present their work at major international conferences, have published with leading journals, and are given dedicated professional mentoring throughout their time at the university.

## A Rich Archive Collection

Archives comprise a major research resource for researchers working on aspects of the literary, social, economic, political and cultural life of Ireland. The archive collections of the James Hardiman Library include over 350 unique archival and special collections, ranging in size from one postcard to 300 boxes of material, and dating from 1485 to the present. These make up one of the most important collections of Irish theatre archives in the world, featuring material from the Thomas Kilroy Collection, the Druid Theatre Company, Galway International Arts Festival, Taibhdhearc na Gaillimhe, Lyric Players' Theatre/O'Malley Collection and the Abbey Theatre and Gate Theatre collections. The library's world-class facilities, including a newly built 36-seat reading room and dedicated exhibition space, make it a dynamic hub for learning and showcasing innovation.

University of Galway is also home to the papers and recordings of director, writer and actor John Huston and houses the archives of the renowned film-maker and environmentalist Éamonn de Buitléar. The Huston Archive offers a unique insight into the prolific intersection of Irish literature and American cinema.

The Éamonn de Buitléar multimedia archive collection, which spans over 60 years, includes his wildlife materials, as well as original recordings and unique insights into the revival of Irish traditional music in the twentieth century.

These archives are held in the James Hardiman Library at University of Galway, which is also home to a range of other literary, historical and political archives, including the Brendan Duddy Archive, which has the full text of the 'red book' (a handwritten account of the 1981 hunger strike negotiations). This provides a unique insight into the resolution of the 'Troubles', during which Duddy secretly acted as an intermediary between the British Government and the IRA. Other major electronic historical



databases include the Landed Estates of Munster, c.1700–1900 and the Irish Language and Literature Collections, which feature material from Conradh na Gaeilge, the Tadhg Seoige papers and Lámhscríbhinní Dubhghlas de hÍde.

A listing of archive collections, from the 15th century to the present day, including digital collections, is accessible online. <https://library.universityofgalway.ie/collections/archives/>

## Centre for Irish Studies

Since its inception in 2000, the Centre for Irish Studies has established itself as one of the pre-eminent centres worldwide for advanced teaching and interdisciplinary research on modern and contemporary Irish literature, language, music, history and culture. The centre is particularly open to innovative research on Irish writing, in both Irish and English, translation studies, space and place studies, and Irish music and dance studies.

The centre has developed a number of partnerships between the creative and performing arts and the academic community at University of Galway, including the appointments of Irish language poet, Máire Mhac an tSaoi and the late John McGahern as honorary professors of Irish Studies. The centre has also developed a number of archival projects, including a valuable collection of songs from the repertoires of the sean-nós singers-in-residence, audio recordings of contemporary Irish writers, and the Joe Burke Archive, which provides extraordinary insights into the music tradition of East Galway and the Irish diaspora.

[www.universityofgalway.ie/centre\\_irish\\_studies](http://www.universityofgalway.ie/centre_irish_studies)



# Improving health and well-being



## Purpose

We are working to improve health and well-being by addressing global challenges in medical technologies, regenerative medicine, population health and health services, neuroscience and cancer.

## People

We champion multidisciplinary teams, and our people work across fundamental science, engineering, medicine, psychology, economics and clinical and translational groups. We strive to embed patient involvement into our research and we collaborate extensively with others around the world—in research institutions, industry and health organisations.

## Place

Our facilities include extensive laboratories and research capacity, including the **Centre for Cell Manufacturing**. We are also the home of **CÚRAM**, the national Science Foundation Ireland Centre for Research in Medical Devices. Our campus is adjacent to Galway University Hospital, where we have located our **Lambe Institute for Translational Research** and the **Health Research Board (HRB) Clinical Research Facility**.



## Biomedical Science and Engineering

University of Galway is Ireland's leading university for Biomedical Science and Engineering, which transforms biomedical sciences research, such as basic and translational research, into clinical applications. Biomedical Science and Engineering brings scientists and engineers together with clinicians to develop innovative solutions to meet current medical challenges. Our multidisciplinary researchers focus on impactful research, ensuring their research advances biomedical knowledge and develops therapeutic treatments.

## Research Areas

### Cancer Biology, Diagnostics and Therapeutics

The **Apoptosis Research Centre (ARC)** has a first-class research programme incorporating expertise in computational chemistry, drug design and personalized medicine to develop new therapies for the treatment of cancer and neurodegeneration. We offer top-quality training in specialized research techniques and mentoring from leaders in the field of cell death. We have secured major EU funding and have developed strong links with industry. Post-graduate students at ARC will gain experience working as part of an international, dynamic team and will have the opportunity to travel abroad for work placements with our industry/academic partners.

**Blood Cancer Network Ireland (BCNI)** is a national collaborative network of clinicians, scientists, and population health experts led by researchers at University of Galway. It aims to provide blood cancer patients with access to novel, potentially life-saving treatments by carrying out early stage clinical trials. BCNI is also building up a blood cancer biobank and a detailed blood cancer registry to improve our understanding of blood cancers and uncover new ways to treat and manage this disease. Postgraduate students will have the opportunity to work with clinical staff and industry collaborators on cutting-edge translational research projects that have the potential to impact the treatment of blood cancer patients.

The **Breast Cancer Research Institute (formerly NBCRI)** is Ireland's leading breast cancer research institute. In collaboration with universities and hospitals across the globe, the breast cancer research team at the Lambe Institute for Translational Research at University of Galway focuses on such areas as personalised medicine, breast regeneration, and innovative diagnostics and therapeutics.

The Breast Cancer Research Institute at the Lambe Institute, University of Galway is patient-focused and contributes to new knowledge, treatments, and better outcomes. Research spans the continuum from discovery science to survivorship and includes exciting developments addressing the genes that are responsible for breast cancer, molecular treatments, tissue regeneration for breast reconstruction and diagnostic technologies."

<https://breastcancerresearch.ie/>

The **Prostate Cancer Institute (PCI)** focuses on the development of better tests and therapies for patients with prostate cancer and has a close association with the extensive clinical services already offered to these patients at University Hospital Galway and other regional hospitals.



### Chromosome Biology

The Centre for Chromosome Biology is an integrated centre of excellence that addresses all aspects of chromosome function including gene expression and chromosome replication, repair and transmission. This research is directed at understanding the fundamental biology of chromosomes as well as disease states such as cancer and genetic diseases. This highly international research environment is fostered by an active partnership and PhD programme with IFOM, Milan, one of the leading cancer research institutes in Europe. Students and postdoctoral researchers are trained using the latest techniques in genomics, genome editing, proteomics and advanced microscopy.

### GlycoDiagnostics and GlycoTherapeutics

This interdisciplinary theme focuses on the translation of basic research in the fields of microbial infections, immunity and chronic diseases (such as cancer and inflammation) to develop novel diagnostic and therapeutic interventions. Researchers work with clinical practitioners based in University Hospital Galway and the Clinical Research Facility.

The **Glycoscience Research Group** is exploring the role of gut glycosylation in host-microbe interactions. This globally unique group explores the roles played by complex sugars in host-bacterial interactions to aid in the discovery of novel diagnostics and therapeutics. The group is also exploring the science behind the biological activities of polysaccharides, from microbes to marine organisms to mammals, with a focus on human health improvement.

### Health and Independent Living

This theme incorporates practice-based collaborative research with primary care and population health research and has a strong focus on chronic disease management. This research informs healthcare and health services.

The **Centre for Clinical Health Services Research and Development** is involved in multidisciplinary clinical health services research, with the aim of influencing and informing clinical practice and healthcare provision. The Galway Diabetes Research Centre brings together clinicians and researchers who are developing new diabetes therapies and management strategies to provide state-of-the-art clinical care.

### Immunodiagnosics and Therapeutics

This interdisciplinary theme focuses on the translation of basic research within the fields of microbial infection, immunity and inflammation to develop novel diagnostic and therapeutic interventions for infectious and immune-mediated diseases. Researchers work with clinical practitioners based in University Hospital Galway and the Clinical Research Facility.

### Infectious Diseases

Infectious diseases remain the major cause of death worldwide. Improved diagnostics and advances in understanding microbial virulence mechanisms, and the immunological basis of a range of human diseases, underpin efforts to devise new therapeutic approaches. Infection and immunology research at University of Galway is focused on scientific, clinical and social issues related to infectious diseases and immunology.

Our researchers aim to contribute to the development of new diagnostic and treatment approaches for the diagnosis and management of infectious diseases, immune responses to infection, and general immune system dysfunction regeneration of the nervous system. This research informs the development of state-of-the-art clinical care for a large number of infectious diseases.

### Medical Devices and Connected Health

Ireland has the leading cluster of medtech industries (including life sciences and medical devices) and employs 25,000 people in this sector. 80% of all stents made outside North America are made in Ireland, with Galway being a global medtech industry hub. Our medical devices research involves joint collaborative projects that focus on cardiovascular and musculoskeletal devices and neural bioelectronics research. The objective of our connected health research is to move healthcare from the hospital and clinic into the day-to-day lives of patients, using mobile technology, computers, networked devices and remote monitoring tools.

### Research centres at University of Galway in this area:

**Bioelectronics** is a significant research cluster involving biometrics and cardiovascular electronics. The cluster focuses on engineering research for cancer, rehabilitation, sports and exercise, and neural systems.

The **Biomechanics Research Centre (BioMEC)** investigates engineering mechanics and biology in the cardiovascular, pulmonary and orthopaedic areas and also researches cardiovascular medical device analysis and design. BioMEC is involved in active





multidisciplinary collaborations across the university and with industrial and academic institutions nationally and internationally. The team has an extensive track record in securing research funds nationally and internationally as well as training and developing graduates for future leadership in the life sciences sector. BioMEC research involves in-vitro experimental and computational research into the mechanics, mechanobiology and cellular mechanotransduction of healthy/injured/diseased musculoskeletal and cardiovascular tissue and cells and fundamental explorations of the multi-scale mechanics of fluid flow in the body and in medical devices, focusing on blood flow and biomolecule (drug, gene) elution and transport. BioMEC develops novel approaches to understanding the interaction between the human biological system and biomedical implants and devices, leading to the development of enhanced analysis and design methodologies for implants and devices.

**CÚRAM**, the SFI Research Centre for Medical Devices, is a world-leading Irish Medical Device R&D Centre led out of University of Galway and partnered with UCD, UCC, TCD, UL, RCSI, DCU, AIT and NIBRT. The centre is focused on the development of biomedical implants, therapeutic and diagnostic devices that address the needs of patients living with chronic illness and partners with local small-and-medium-enterprises (SMEs) and multinational medical device and pharmaceutical companies to increase employment in Ireland. Researchers focus on improving the quality of life for patients living with long-term chronic conditions, such as diabetes, back pain, cardiovascular disease and stroke, through engineering approaches for repair and remodelling, improved drug delivery solutions and superior medical implant designs. As a postgraduate student in CÚRAM you will have the opportunity to work with world leading experts in the medical device field, as well as having access to a top-quality education and professional development programme.

CÚRAM also hosts a SFI-EPSRC funded lifeTime a center for doctoral training program that trains early stage researchers to be innovation leaders in drug discovery and regenerative medicine through the development of bioengineered humanised 3D models, microfluidics, diagnostics and sensing platforms.

## Neurosciences

The **Galway Neuroscience Centre (GNC)** is a centre of excellence for interdisciplinary neuroscience research and education across University of Galway with the aim of developing and disseminating improved understanding of the nervous system and improved diagnosis

and treatment of nervous system disorders. The GNC supports the MSc in Clinical Neuroscience and the MSc in Neuropharmacology.

GNC strives to improve understanding of the pathogenesis of neurological and psychiatric diseases, to identify potential novel drug targets, to develop innovative and commercialisable therapeutics, and ultimately to bring these therapies to patients. The critical mass of researchers within GNC allows for the study of various disease areas at multiple levels, employing a range of multidisciplinary approaches, including molecular biology, genetics, neurochemistry, neurophysiology, neuroimaging and neuroanatomy, neuropharmacology, biomaterials, tissue engineering, behaviour, psychology, and clinical intervention.

## KEY DISEASE AREAS INCLUDE:

**Neurodegenerative disorders and neuroregeneration:** Parkinson's disease, Alzheimer's disease, multiple sclerosis, Huntington's disease, spinal cord injury, stroke.

**Neuropsychiatric disorders:** depression, anxiety, bipolar disorder, schizophrenia, autism, stress. The **Centre for Neuroimaging and Cognitive Genomics (NICOG)** was established to build on the synergistic activities of researchers in neuroimaging, cognitive neuroscience and psychiatric genetics.

**Pain:** The **Centre for Pain Research (CPR)** is a centre of excellence for interdisciplinary research and aims to advance the scientific understanding of pain, from its pre-clinical to its psychological and neuropsychological aspects to its treatment and management.

## Regenerative Medicine

Research at the **Regenerative Medicine Institute (REMEDI)** focuses on using stem/stromal cell and regenerative medicine technologies to treat human disease. Recognised as Ireland's leading stem cell research centre, REMEDI's mission is to conduct basic research into stem cell biology and to translate and commercialise the results as regenerative therapeutics. REMEDI is a collaboration between scientists, engineers, clinicians and industry. REMEDI currently has focused research programmes in areas such as vascular biology, immunology, gene therapy, induced pluripotent stem cells and cell manufacturing. The main translational targets at the centre are complications of diabetes mellitus, vascular disease, osteoarthritis, transplant rejection, sepsis and acute lung injury. To fulfil its translational mission, REMEDI manages and operates the **Centre for Cell Manufacturing Ireland (CCMI)**, a facility licensed by the Health Products Regulatory

Authority to manufacture mesenchymal stromal cells (MSCs) for human clinical trials. It is the only such facility licensed in Ireland. The CCMI currently manufactures cell therapy products for four clinical trials (VISICORT, CLI, NEPHSTROM and ADIPOA2) being performed in Galway and other centres around Europe, focusing on the use of MSCs for corneal transplantation, critical limb ischaemia, diabetic kidney disease and osteoarthritis. CCMI also conducts training for scientists/production engineers in cellular manufacturing and organises information seminars for the cellular manufacturing field. REMEDI offers both MSc (MSc in Regenerative Medicine, MSc in Cellular Manufacturing and Therapy), and PhD programmes where students are taught by professors who are co-ordinating international clinical trials and stem cell scientists who are actively working to translate these biotherapeutics.

## Health Services Research

The HRB Primary Care Clinical Trials Network Ireland (CTNI) aims to support the creation of high-quality clinical evidence which improves patient outcomes in Irish primary care. To achieve this, it provides supports to researchers to develop and conduct clinical trials in primary care that address important and common problems and then supports the successful translation and implementation of this evidence into healthcare policy and practice.

The HRB Primary Care CTNI was established in 2015 as a collaborative partnership between University of Galway, the Royal College of Surgeons in Ireland, Queen's University Belfast, the Association of University Departments of General Practice in Ireland, and the Irish College of General Practitioners (ICGP). Since its establishment, it has supported 29 studies including 20 registered trials, recruited almost 4,000 patients, leveraged funds of over €9,000,000, and published in leading international journals such as the New England Journal of Medicine, the Lancet, and the British Medical Journal.

**In 2021, the HRB Primary Care CTNI was successful in securing funding for the next five years of operation, with a focus on achieving the following strategic objectives:**

1. Maximise the successful delivery of primary care trials in Ireland;
2. Continue to build capacity for world-class clinical trials in Irish primary care through the provision of financial supports to early career researchers, the promotion of primary care research education and dissemination, and the provision of seed funding to develop a roadmap for implementation of a national research IT infrastructure;

3. Develop an agenda for Irish primary care clinical trials research by leading a priority setting partnership to develop the 'Top 10' research priorities in chronic disease management and a core outcome set (COS) for future trials in this area;
4. Enhance patient and public involvement (PPI) in primary care research in Ireland by continuing to grow the capacity of the Primary Care CTNI PPI group, including PPI in network oversight and portfolio development, and continuing our synergistic relationship with the national PPI network.

[www.primarycaretrials.ie](http://www.primarycaretrials.ie)



## World-leading facilities

Investment in the very best facilities keeps our research at the cutting edge. Facilities include:

- An 8,000m<sup>2</sup> Biomedical Science Building that brings researchers from cognate disciplines together in exciting new collaborations in purpose-built research laboratories;
- A Translational Research Facility on the site of University Hospital Galway, which translates our research into enhanced treatments for patients;
- The world-class teaching and research Alice Perry Engineering Building, a 14,250m<sup>2</sup> building supporting an emerging generation of engineers, engaged in a new wave of biomedical technologies, embracing innovation and entrepreneurship;
- The 8,000m<sup>2</sup> Human Biology Building, opened in 2017, provides postgraduate researchers with the opportunity to conduct their research in a purpose-built space consisting of dedicated laboratories and associated core facilities. Such research will be led by academics drawn from the disciplines of Anatomy, Pharmacology and Physiology;
- CCMI, the only facility in Ireland for the manufacture of human-use stem cells;
- A clinical research facility to translate research from the laboratory bench to the patient's bedside.



# Realising potential through data and enabling technologies

## Purpose

We work on the frontiers of technology to realise some of the immense potential of data and enabling technologies to improve society and the economy.

## People

Our experts are leaders in the fields of data science, business information systems, artificial intelligence, advanced computing platforms and services, laser and optics. We collaborate with global industry players (many of which are based in the region) and SMEs to develop multiple high-impact collaborative research projects.

## Place

Our international reputation in this area is supported by our colleges and is led by the **Data Science Institute** and **Insight**, the national Science Foundation Ireland Research Centre for Data Analytics.







## Data Science

At no other time in history have data skills been more important in all sectors of activity. From sensors gathering climate information to social media, online purchases and health devices, very large amounts of rich, varied data are now available, pushing the limits of what technology can enable. This opens up immense opportunities to create a healthier, safer, and fairer world where better, more informed decisions can be made by individuals, communities, businesses and governments.

University of Galway's **Data Science Institute (DSI)** is the driving force in this area, with world-leading expertise in data analytics, data engineering, artificial intelligence, machine learning and natural language processing, and a long history of applying this expertise to domains such as health, social media, cultural heritage, education or climate change. At University of Galway, Data Science is focused on the development of tools and smart systems to turn data into information and knowledge that can be used for economic, environmental and social benefits.

This is achieved in particular through the Insight SFI Research Centre for Data Analytics, a joint initiative, funded by Science Foundation Ireland (SFI), between researchers at University of Galway, University College Cork, Dublin City University, and University College Dublin, which brings together more than 400 researchers and leading academics from these institutions, along with more than 40 industry partners, to position Ireland at the heart of global data analytics research. Through other SFI research centres (Lero, Confirm and VistaMilk), Centres for Research Training in Artificial Intelligence, Digitally Enhanced Reality and Genomics Data Science, public and industry projects, the data science expertise developed by DSI is used to invent new technologies and applications reaching all sectors and generating strong, positive impact throughout Ireland and the world.

[dsi.universityofgalway.ie](http://dsi.universityofgalway.ie)

## High Performance Computing

Technical computing and data analytics cannot function alone. High Performance Computing (HPC) merges computing power and numerical techniques to deliver much higher capacity and performance than a normal desktop computer could in order to solve large problems in science, engineering and business. The **Irish Centre for High-End Computing (ICHEC)**, Ireland's national high performance computing centre, is hosted by University of Galway. A diverse team of highly skilled system administrators and computational scientists engage with researchers, industry and the public sector to provide HPC expertise, resources, support and training. ICHEC is active in European and global collaborations, expanding the reach and portfolio of its activities. The demand and scope for technical and parallel computing specialists have grown dramatically in recent years and this field is now a burgeoning part of Ireland's economic story. [www.ichec.ie](http://www.ichec.ie)

## Nanoscale Biophotonics Laboratory

The Nanoscale Biophotonics Laboratory (NBL) is a multidisciplinary research group located in the School of Natural Sciences and spanning both physics and chemistry. The group focuses on developing advanced analytical solutions for industry and academia.

Our fundamental research is focused on understanding how light interacts with complex materials and using that knowledge to better characterise complex molecules (e.g., proteins) and materials. PhD graduate students in the NBL with either chemistry or physics backgrounds undertake a wide variety of fundamental research in spectroscopy, multivariate data analysis ("chemometrics"), instrumentation, and analytical science.

Our applied research work then aims to translate this knowledge into robust analytical methods suitable for use in the pharmaceutical sector. Our postdoctoral researchers often

work very closely with industry, in particular the biopharmaceutical manufacturing sector, developing novel and robust analytical methods for complex samples like proteins, vaccines, drug delivery systems, and cell culture media.

The NBL is one of the largest and best equipped biophysical characterisation, optics, and analytical instrumentation facilities in Ireland, with the capability for advanced molecular and elemental characterisation or materials.

For more details see:

[www.universityofgalway.ie/nanoscale](http://www.universityofgalway.ie/nanoscale)



## Applied Photonics and Medical Physics

The **National Centre for Laser Applications (NCLA)** was established as a centre of excellence in laser technology. Our researchers work with industry through consultancy, laboratory-based feasibility trials, full research and development services, technology transfer, prototyping, laser safety audits and tailored training courses in laser technology, applications and safety. PhD graduate students undertake research in the fundamentals of laser material interactions. The NCLA laser laboratory leads the implementation of the Structured MSC by Research in Key Enabling Technologies.

[www.universityofgalway.ie/ncla](http://www.universityofgalway.ie/ncla)

## Mathematics

### De Brún Centre for Mathematics

The mathematics cluster supports mathematical research in the areas of Algebra, Discrete Mathematics, Analysis, Numerical Analysis, Geometry, Topology, and Mathematics Education. Research in these areas of Pure Mathematics and Mathematics Education underpins the thematic research priorities at University of Galway: Informatics, Physical and Computational Sciences, and Biomedical Science and Engineering.

The main goal of the de Brún Centre for Mathematics is to provide a high-quality environment for internationally recognised research excellence in mathematics at University of Galway.

## Stokes Applied Maths Cluster

The ambition of the Stokes Cluster is to foster as much interdisciplinary research as possible across the University of Galway campus and beyond. Because mathematics underpins so many fields of research in the natural, engineering and social sciences, its applications have a wide-reaching appeal. The Stokes Cluster comprises a broad spectrum of advanced mathematical, theoretical and numerical skills that can be applied to the modeling of computational, physical and biological phenomena, and to the in-depth study of the mathematical equations that underpin the behaviour of physical systems.

## Bioinformatics and Biostatistics Research Cluster

Researchers in bioinformatics analyse the genomes of pathogens responsible for infectious diseases and study human genomic data to gain insights into genetic disorders and complex phenotypes. Biostatisticians within the cluster help to discover novel cancer biomarkers and model patient treatment outcomes in clinical trials. Both groups draw on and contribute to the development of powerful new statistical techniques and computational tools to gain fresh biomedical insights of fundamental scientific interest or with the potential for clinical application. Through extensive collaborations, the cluster also supports biomedical research in the HRB Clinical Research Facility, across campus and further afield.

## Astronomy

### The Centre for Astronomy

Astronomy is the oldest science yet now creates some of the world's biggest datasets, and drives technologies in imaging and ICT. Researchers in the Centre for Astronomy carry out projects in astronomical instrumentation with the European Space Agency, computational astrophysics using ICHEC, and observational astronomy using the James Clark Maxwell Telescope and Ireland's access to the European Southern Observatory telescopes. We are also a core member of the I-LOFAR radio telescope facility in Birr (pictured, below). Our research topics include Applied Imaging, Pulsars, Star Formation, Galaxy Evolution, Planetary Nebulae, Ultra-Cool Stars and Virtual Observatories.

[astro.universityofgalway.ie](http://astro.universityofgalway.ie)



# Sustaining our planet and people

## Purpose

We are on a mission to support the transformational changes that are necessary for human society to steer itself toward sustainable development.

## People

Through a collaborative approach and partnerships, our researchers are delivering research and innovations in areas such as climate action, clean energy, ocean, freshwater and terrestrial ecosystems, sustainable bioeconomy and One Health.

## Place

Our location on the Atlantic shore, surrounded by lakes, rivers and wetlands affords us a living laboratory. Our international reputation in this area is led by research across all colleges and by the work of our **Ryan Institute**.









# SUSTAINABLE DEVELOPMENT GOALS



## The Ryan Institute

The **Ryan Institute** is University of Galway's multi-disciplinary hub for research and innovation supporting sustainable development, from local to global scales. Advancing sustainability and innovation is central to the research activities of the Ryan Institute's Research Centres/Clusters and Research Groups. The Ryan Institute is engaged in research and partnerships that contribute to 15 of the 17 **Sustainable Development Goals (SDGs)**, which need to be achieved both nationally and internationally between now and 2030.

To achieve its mission, the Ryan Institute is focused on four **thematic research areas** consisting of: (1) Marine and Coastal, (2) Energy and Climate Change, (3) Agriculture and BioEconomy, and (4) Environment and Health. The Ryan Institute is comprised of 12 research centres/clusters spanning these four thematic research areas.

The Ryan Institute is University of Galway's largest research institute comprised of 91 research groups and 12 research centres/clusters that are responsible for over 350 funded research projects comprising about 20% of the university's overall research income. The Ryan Institute is a powerhouse for the interdisciplinary research and innovation that is necessary to address the many sustainable development challenges facing society today, from national to global scales. The Ryan Institute is a cross-cutting research institute with research groups drawn from all colleges across University of Galway, with internationally renowned expertise spanning science, engineering, socioeconomics and health. The Ryan Institute is home to 91 research groups each led by an academic staff

principal investigator. Each research group is typically composed of post-doctoral researchers, research assistants and postgraduate (PhD, master's) research students. The 91 research groups (each led by a Ryan Institute Principal Investigator) within the Ryan Institute collectively consist of circa 470 full-time researchers, including 90 postdoctoral fellows, 50 research assistants, and over 240 PhD students. The Ryan Institute research groups are involved in a wide variety of interdisciplinary research projects and collaborate extensively with national and international partners. The Ryan Institute's 91 research groups span all five colleges and are based in multiple locations across the University of Galway campus, including the Martin Ryan Building, the Orbsen Building, Áras de Brún, the Engineering Building, the Science Concourse and Áras Moyola, among many others. The Ryan Institute's core administrative and technical staff are located in the Martin Ryan Building and the Orbsen Building.

The Ryan Institute has a number of dedicated core research facilities that it supports, including: (1) GeoSpatial Analytics Facility; (2) Chemical Monitoring Facility; (3) Carna Aquaculture Research Station; (4) Carron and Finnvara Ecological Field Stations; (5) Mace Head Climate Facility; (6) Coastal Observing Radar Facility; and (7) Large-Scale Structures Testing Facility.

As a postgraduate research student, you can conduct research within the Ryan Institute research groups and research centres/clusters to shape the future and make an impact on sustainable development in each of the Ryan Institute's four thematic research areas.

## Marine and Coastal

Oceans, seas and coastal areas form an integrated and essential component of the Earth's ecosystem and are critical to sustainable development. They cover more than two-thirds of the Earth's surface, contain 97% of the planet's water, and are huge reservoirs of biodiversity. Oceans contribute to poverty eradication by creating sustainable livelihoods and decent work. Over three billion people depend on marine and coastal resources for their livelihoods. Oceans are crucial for global food security and human health. In 2013, fish provided more than 3.1 billion people with almost 20% of their average per capita intake of animal protein. However, the sustainability of both capture fisheries and aquaculture systems is a major challenge. In 2014, the world's population consumed more farmed fish than wild-caught fish. Ocean and coastal areas are major contributors to the global economy and fundamental to global well-being, through direct economic activities, provision of environmental services, and as home to the majority of the world's population. More than 40% of the world's population (more than 2.8 billion people) live within 100 kilometres of the coast.

The Ryan Institute's **Centre for Ocean Research & Exploration (COREx)** conducts research to improve the sustainability of both marine and coastal systems and is the leading university user in Ireland of research vessels such as the Celtic Explorer. Our oceans are also the primary regulator of the global climate, being an important sink for greenhouse gases, and they provide us with water and the oxygen we breathe. The Ryan Institute's **SFI iCRAG (Galway) Centre** researchers are conducting geoscience research to address key research challenges in the fields of energy security, raw materials supply, groundwater protection, safeguarding the geomarine environment and protection from the Earth's hazards.

## Energy and Climate Change

Energy is an essential factor for future sustainable development and improving the livelihoods of people in all countries. Nevertheless, it is estimated that in 2015 about 2.8 billion people still had no access to modern energy services and over 1.1 billion did not have electricity. Furthermore, around 4.3 million people were dying prematurely every year due to indoor pollution resulting from cooking and heating with unsustainable fuels. Transitioning all economies and societies to sustainable energy production and consumption patterns now stands at the centre of global efforts to induce a paradigm shift toward low-carbon energy systems, green economies, poverty eradication and ultimately sustainable development. The Ryan Institute's **Energy Research Centre (ERC)** and **SFI MaREI Galway** are at the forefront of research efforts to transition to more sustainable energy systems.

Energy systems and climate change are intertwined. Due to global warming arising from use of non-sustainable energy sources, climate change will have a dramatic and largely negative effect on our economies, societies, and environments and poses major challenges to future sustainable development in all countries. Both climate change mitigation and climate change adaptation measures need to be deployed at scale across all sectors and countries, if future human populations and livelihoods are to transition to a more sustainable trajectory than at present.

The Ryan Institute's **Centre for Climate and Air Pollution Studies (C-CAPS)** conducts research in the area of atmospheric composition, climate change and natural feedbacks, air-sea exchange, and air quality impacts on health and ecosystems.

**The major thrusts of Ryan Institute sustainable development research and innovation are focused on marine, agrifood, energy, climate change and environmental health systems.**



## Agriculture and BioEconomy

In 2019, the human population reached 7.7 billion people, all of whom have requirements for food, feed, fuel (energy), fibre, chemicals and medicines to sustain their health and livelihoods. As incomes and purchasing power rise, such resource requirements will rise also. Where food supply does not keep pace with demand, prices rise, disproportionately affecting the poor and especially the poorest in all societies.

The food security challenge is immense and urgent—according to the United Nations Food and Agriculture Organisation (FAO), over 1 billion undernourished people in developing countries suffer from the interlinked problems of hunger and poverty. A number of factors are now rapidly converging to aggravate the state of food insecurity, including population increases, changing consumption patterns, increasing incomes, growing demand for meat and dairy (especially grain-fed), growing demand for biofuels, scarcity of land and water, slowing of agricultural productivity and adverse impacts of climate change.

The Ryan Institute's **Plant and AgriBiosciences Research Centre (PABC)** is focused on the major challenge of accelerating the development and introduction of new suites of productivity-increasing, bio-based technologies and systems (for crops, animals, algae, fish, forestry, food and biological wastes), that are sustainable. Sustainable agrifood systems will involve transitions to zero-waste and circular economy concepts in all food-related bioeconomies at the production, processing and consumption stages. This will involve development of biorefinery systems which can be the sources of the renewable bio-based products of the future. The Ryan Institute's Bioeconomy Cluster is focused on the development of more sustainable bioeconomy systems to support humanity.

## Environment and Health

A clean environment is essential for human health and well-being. However, the interactions between the environment and human health are highly complex and challenging to understand.

The Ryan Institute's **Centre for One Health (CoH)** conducts research to unravel such complexity. Examples of ways in which environment and health interact include poor sanitation and unsafe water supplies leading to water-related diseases, particularly in urban areas. Our sources of heat or energy and the design of our houses, buildings and transport systems can contribute to indoor and outdoor air pollution causing respiratory disease. Such challenges are being confronted by the Ryan Institute's **Built Environment and Smart Cities Research Cluster**.

Changing climatic and environmental conditions can increase the incidence of diseases, including diseases that are transmitted between animals and humans.

The inappropriate use of antibiotics can threaten many of the medical breakthroughs of the last century, now in danger of being lost through the spread of antimicrobial resistance which renders antibiotics ineffective.

The Ryan Institute's **Biodiversity and Bioresources Research Cluster** conducts research to mitigate the global loss of biodiversity and degradation of natural capital that continues at a rapid pace. This is despite the fact that biodiversity and well-functioning ecosystems provide a range of benefits—both direct and indirect—to society and the economy, playing a crucial role in sustaining livelihoods, health and well-being. Efforts to meet the global biodiversity targets need to play a key role in achieving key priorities, notably reducing hunger and poverty, improving health, and ensuring a sustainable supply of food and clean water. Sustainable use of ecosystem services and natural capital can become a key driver in the transition to a green economy.

The Ryan Institute also has cross-cutting research centres and clusters such as the **Economic and Social Impact Cluster** and the **Modelling and Informatics Research Cluster**.



Follow us on Twitter: [@RyanInstitute](https://twitter.com/RyanInstitute)



### Did you know?

The Ryan Institute is University of Galway's largest research institute, with 91 research teams responsible for over 20% of university research income. Multidisciplinary Ryan Institute research teams published over 2,300 peer-reviewed papers between 2013 and 2018 (27,000+ citations). Ryan Institute papers account for over 25% of all research papers and citations from University of Galway, with half of all Ryan Institute papers in the top 10% of research journals worldwide (60% with international partners).

Ryan Institute research teams regularly publish in high-impact journals such as Nature, PNAS, The Lancet, Atmospheric Chemistry & Physics, Trends in Ecology & Evolution, among others.

The Ryan Institute is a member of international organisations such as the GCUA Global Challenges University Alliance, EuroMarine, AgriNatura and the BioBased Industries Consortium.





Committed to transforming the economy from one heavily reliant on fossil fuels to a more sustainable, low-carbon economy.

#### Top-Class Research Facilities

Ryan Institute research facilities provide the essential platform for multidisciplinary research leading to sustainable outcomes. The Ryan Institute principal investigators, research groups and research community are located across the campus and include dedicated sites both on and off campus.

- The Ryan Institute's **Martin Ryan Building** and the **Annexe** (3,255m<sup>2</sup>) houses 16 laboratories, a 16-seat boardroom, 22 offices, a 168-seater lecture theatre, and the Zoology and Marine Biology Museum.
- The Ryan Institute's **Orbsen Building** (1,000m<sup>2</sup>) houses five laboratories, a centralised GIS facility, desk space for 48 postgraduate and postdoctoral researchers, and six offices.
- The Ryan Institute's **Atmospheric Research Station** at Mace Head is comprised of three laboratory buildings, adjacent to the shore.
- The Ryan Institute's **Carna Aquaculture Research Station** is located on ~7 hectares with ~600m<sup>2</sup> of office and service area space, and 1,200m<sup>2</sup> of laboratory space.
- The Ryan Institute's **Máirín de Valéra Carron Research Facility** (340m<sup>2</sup>) in the Burren has dormitory accommodation for 30 people, cooking and dining areas, and a research laboratory.



# A PhD Graduate Profile

"I am a historian and archaeologist and completed my PhD at University of Galway in 2016, thanks to IRC and Hardiman scholarships. I have since gone on to win prestigious postdoctoral fellowships at University of Notre Dame, Stockholm University, and UCC. I have taught students and published widely and recently received a prize for the book that emerged out of my PhD. From late 2021, I will be leading a larger project which explores the history of commercial livestock production in Europe and what it teaches us about the sustainability of farming today, with funding from EU and Swedish research bodies.

I really enjoyed the freedom of doing a PhD. It gives you time to pursue research that you may not have later in your career. But, being in Galway, it was also about people. I enjoyed reaching out to people across the university, be it for an interdisciplinary discussion with a lecturer or a peer-to-peer chat with another PhD student. That is where the Hardiman Scholarship was so useful. During the PhD, us Hardiman scholars came together to do two cross-disciplinary modules. These were aimed at fostering creativity and innovation, but they also helped to foster friendships and a strong support network. I would also highly recommend getting some experience of teaching, presenting papers at conferences, and organising a symposium of your own—it takes time but it builds your confidence!

If you want to put together a good application for a doctoral scholarship, I suggest that you start your preparation a few months in advance by doing some reading. This will ensure that you are up-to-date in your research area and can spot interesting gaps that you want to tackle. It will also help you to identify a supervisor who has the expertise to support you. Be brave, patient, and don't forget to enjoy yourself."

## **Dr Eugene Costello**

Former IRC/Hardiman Scholar and  
PhD Student at University of Galway  
Principal Investigator Stockholm  
University



# Research Institutes & Centres

## Improving Health and Well-being

Our facilities include extensive laboratories and research capacity, including the Centre for Cell Manufacturing. We are also the home of CÚRAM, the national Science Foundation Ireland Centre for Research in Medical Devices. Our campus is adjacent to Galway University Hospital, where we have located our Lambe Institute for Translational Research and the Health Research Board (HRB) Clinical Research Facility. See the list below of some of the institutes, centres and clusters involved in this priority research area.

Alimentary Glycoscience Research Cluster (AGRC)	Galway Diabetes Research Centre
Apoptosis Research Cluster (ARC)	Galway Neuroscience Centre (GNC)
Biomechanics Research Centre	HRB Clinical Research Facility (CRF), Galway
Blood Cancer Network Ireland	HRB Trials Methodology Research Network
Centre for Cell Manufacturing Ireland (CCMI)	Infection and Immunology Cluster (IIC)
Centre for Chromosome Biology (CCB)	Lambe Institute for Translational Research
Centre for Neuroimaging and Cognitive Genomics (NICOG)	Mechanobiology and Medical Device Research Group (MMDRG)
Centre for Pain Research (CPR)	Molecular Diagnostics Research Group (MDRG)
CÚRAM—Centre for Research in Medical Devices	Prostate Cancer Institute
	Regenerative Medicine Institute (REMEDI)

## Realising Potential through Data and Enabling Technologies

Our international reputation in this area is supported by our colleges and is led by the Data Science Institute and Insight, the national Science Foundation Ireland (SFI) Research Centre for Data Analytics. See the list below of some of the institutes, centres and clusters involved in this priority research area.

Research Institute: Data Science Institute (DSI):	Research Centres and Clusters:
Insight SFI Research Centre for Data Analytics	Centre for Astronomy
Adapt SFI Research Centre for AI Driven Digital Content Technology	Crystallography Centre
CONFIRM SFI Research Centre in Smart Manufacturing	De Brún Centre for Computational Algebra Development
VistaMilk SFI Research Centre for Digitalising Dairy Production and Processing	Irish Centre for High-End Computing (ICHEC)
SFI Centre for Research Training in Artificial Intelligence	Lighthouse—Centre for Applied Photonics
SFI Centre for Research Training in Digitally Enhanced Reality	Nanoscale Biophotonics
	National Centre for Laser Applications
	The Stokes Applied Mathematics Cluster

## Sustaining Our Planet and People

Our location on the Atlantic shore, surrounded by lakes, rivers and wetlands, affords us a living laboratory. Our international reputation in sustainability is led by research across all colleges and by the work of our Ryan Institute and other research groups. See the list below of some of the institutes, centres and clusters involved in this priority research area.

### Research Institute: Ryan Institute:

Biodiversity & Bioresources Cluster	SFI iCrag (Galway)
Built Environment & Smart Cities Cluster	SFI MaREI (Galway)
Centre for One Health (COH)	Modelling and Informatics Research Cluster
Energy Research Centre (ERC)	Economic & Social Impact Research Cluster
Centre for Climate and Air Pollution Studies (C-CAPS)	Centre for Ocean Research and Exploration (COREx)
Bioeconomy Research Cluster	Plant & AgriBiosciences Research Centre (PABC)
	Centre of International Development Innovation (CIDi)

## Enhancing Society and Policy

Our international reputation is supported by research from across our colleges and by our Institute for Lifecourse and Society and the Whitaker Institute for Innovation and Societal Change. See the list below of some of the institutes, centres and clusters involved in this priority research area.

### Research Institute:

#### Institute for Lifecourse and Society (ILAS):

### Research Centres and Clusters:

Centre for Disability Law and Public Policy	Centre for Bioethical Research and Analysis (COBRA)
Centre for Economic and Social Research on Dementia	Centre for Clinical Health Services Research and Development (CCHSRD)
Community Engaged Research in Action	Environmental and Natural Resource Economics Research Unit
Community Knowledge Initiative	Health Economics and Policy Analysis Centre
Health Economics and Policy Analysis Centre	HRB Primary Care Clinical Trials Network
Irish Centre for Social Gerontology	Irish Centre for Human Rights
Irish Centre for Autism & Neurodevelopmental Research	National Centre for Security Research
PPI Ignite	The Centre for Global Women's Studies
Speech and Language Therapy	
UNESCO Child and Family Research Centre	

## Enhancing Creativity and Culture

We connect with our region and local identity, Galway being a city of creativity and culture where the arts flourish. Our commitment to world-leading inquiry in humanities, culture, and society emerges across the disciplines and through our Moore Institute for Research in the Humanities and Social Studies. See the list below of some of the institutes, centres and clusters involved in this priority research area.

### Research Institute: Moore Institute for Research in the Humanities and Social Studies:

### Research Centres and Clusters:

Centre for Antique, Medieval, and Pre-Modern Studies (CAMPS)	Centre for Drama, Theatre and Performance
Centre for Landscape Studies	Centre for Irish Studies
Centre for the Investigation of Transnational Encounters (CITE)	Huston School of Film and Digital Media
Irish Centre for the Histories of Labour & Class (ICHLC)	
Social Science Research Centre	
Centre for Applied Linguistics and Multilingualism (CALM)	
Centre for Creative Arts Research (CCAR)	

# Hardiman Research Building

The €15 million Hardiman Research Building, named the 2014 Irish Building & Design Architectural Project of the Year, is situated at the heart of University of Galway's campus, adjacent to the James Hardiman Library.

The Hardiman Research Building brings together the Moore Institute for Research in the Humanities and Social Studies and the Whitaker Institute for Innovation and Societal Change. The Moore Institute is a leading voice in digital humanities, medieval and early modern history and literature, and travel and cultural encounter. The Whitaker Institute, honouring the enduring contribution of public servant T.K. Whitaker, is the largest national business and social science institute on the island of Ireland. Together these institutes have secured nearly €30m in competitive funding awards.





# Research Programmes



## Structured PhD Programmes

Structured PhD programmes support you during your research, to develop a range of discipline-specific skills, transversal training skills and transferable skills. Some structured PhD programmes involve inter-institutional collaborations.

### The key characteristics are as follows:

- a. The core component of a structured PhD programme is the advancement of knowledge through original research. At the same time, the structured PhD is designed to meet the needs of an employment market that is wider than academia.
- b. It provides high-quality research experience, training and output, consistent with international norms and best practice.
- c. To support the original research activity, the following elements are included:
  - a formalised integrated programme of education, training, and personal and professional development activities;
  - the development of discipline-specific knowledge and research skills and generic/transferable skills;
  - declared outcomes and graduate attributes in line with national and international best practice.
- d. Supervision by a primary supervisor, with a supporting panel approved by the institution. At University of Galway, every research student and supervisor has the support of a Graduate Research Committee.
- e. Progress to completion is formally monitored and supported by formal institutional arrangements in line with national and international best practice.
- f. Successful completion and examination of the research thesis is the basis for the award of the PhD degree.
- g. Registration is normally for four years for a full-time student and six years for a part time student.
- h. Flexible delivery and assessment are key features of structured PhD modules.

At University of Galway, every research student and supervisor has the support of a Graduate Research Committee.



Each of the structured PhD programmes offers discipline-specific modules, which are listed under each of the colleges. Further information on modules is available at the following link: [www.universityofgalway.ie/graduate-studies/currentstudents/gsmodes/](http://www.universityofgalway.ie/graduate-studies/currentstudents/gsmodes/)

## Researcher Training and Development

The Researcher Development Centre supports your professional development while undertaking a PhD in University of Galway. Professional development covers an enormous area and will allow you to enhance aspects of your practice in career planning, leadership, mentorship, research skills and support as you develop your independence as a professional researcher. Details on the Researcher Development Centre are at [www.universityofgalway.ie/rdc/](http://www.universityofgalway.ie/rdc/).

Additional Research Skills Training Resources are available for research students on the Graduate Studies Blackboard 1GST1 site. Each incoming student is automatically registered on this Blackboard site. Some of the resources are listed below, with full details available at [www.universityofgalway.ie/graduate-studies/currentstudents/training-resources/](http://www.universityofgalway.ie/graduate-studies/currentstudents/training-resources/).

- Getting Published in the Arts
- Getting Published in the Sciences
- Ethical Research
- Principles of Research Methods
- Undertaking a Literature Review
- Managing Your Research Project
- Career Planning in the Sciences
- Career Planning in the Arts, Humanities and Social Sciences
- Intellectual Property in the Research Context
- Working with Your Supervisor
- Conference Presenting & Networking
- Research Integrity
- Academic Entrepreneurship: An Introduction
- Entrepreneurial Opportunities: Recognition and Evaluation
- Entrepreneurial Resources: People, Teams and Finance

Additional development opportunities are available through the Researcher Development Centre.

**Structured PhDs are offered in each college.**

**For further information, please follow the links below:**

College of Arts, Social Sciences, and Celtic Studies

[www.universityofgalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/phd-research-degrees/structured-phd/](http://www.universityofgalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/phd-research-degrees/structured-phd/)

College of Business, Public Policy and Law

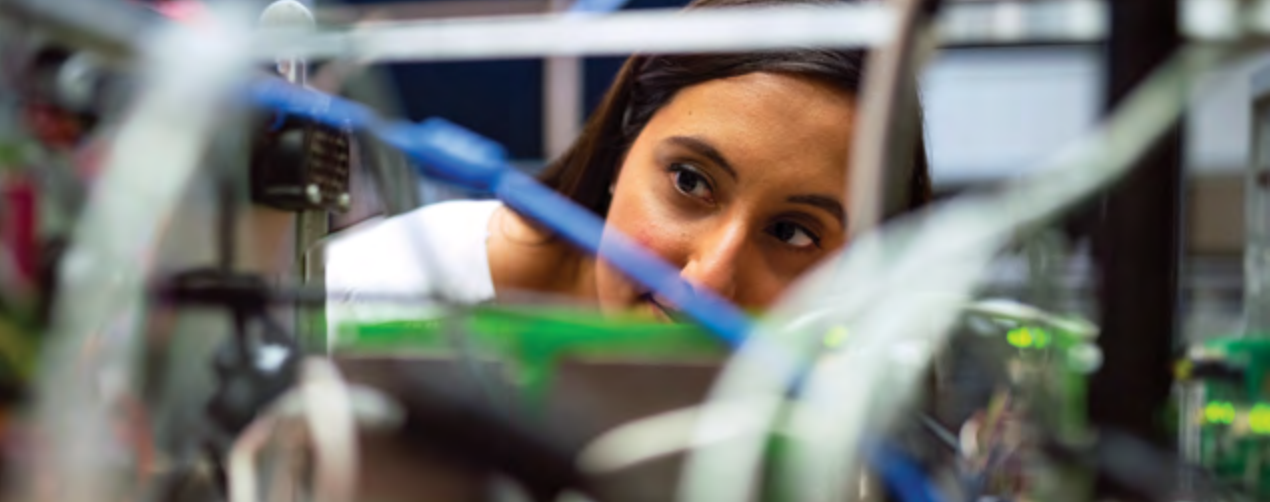
[www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/#ColBus](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/structured-phd/#ColBus)

College of Medicine, Nursing & Health Sciences

[www.universityofgalway.ie/medicine-nursing-and-health-sciences/postgraduatestructuredphds/](http://www.universityofgalway.ie/medicine-nursing-and-health-sciences/postgraduatestructuredphds/)

College of Science and Engineering

[www.universityofgalway.ie/science-engineering/postgraduateprogrammes/postgraduatestructuredprogrammes/](http://www.universityofgalway.ie/science-engineering/postgraduateprogrammes/postgraduatestructuredprogrammes/)



## Other Supports

### Vice Deans of Graduate Studies

Each college has a vice dean, who is responsible for working with the Dean of Graduate Studies, ensuring that feedback from postgraduate students, supervisors, graduate research committees and examiners is considered and that any necessary changes in guidelines or regulations are drafted and formally approved.

College of Arts, Social Sciences, and Celtic Studies:

**Dr Lindsay Reid**

College of Business, Public Policy and Law:

**Dr Anna Arstein Kerslake**

College of Medicine, Nursing and Health Sciences:

**Prof Garry Duffy**

College of Science and Engineering:

**Dr Nicholas Devaney**

### Academic Research Postgraduate Coordinators

These staff members will be able to assist you with general research postgraduate queries within your discipline and can advise about student representation on various school/college committees.

You can find contact details here

[www.universityofgalway.ie/graduate-studies/currentstudents/phdstudentrepspgacademiccoordinatorsandsociety/pgacademiccoordinators/](http://www.universityofgalway.ie/graduate-studies/currentstudents/phdstudentrepspgacademiccoordinatorsandsociety/pgacademiccoordinators/)

### Research School Postgraduate Student Representatives

Research student representation is welcome at University of Galway. Students are welcome to work with the Students' Union and put forward representatives at school level. Details of current representatives are here

[www.universityofgalway.ie/graduate-studies/currentstudents/phdstudentrepspgacademiccoordinatorsandsociety/phdstudentrepresentatives/](http://www.universityofgalway.ie/graduate-studies/currentstudents/phdstudentrepspgacademiccoordinatorsandsociety/phdstudentrepresentatives/)

### University Guidelines for Research Degree Programmes available at:

[www.universityofgalway.ie/graduate-studies/currentstudents/guidelines-regulations-forms/](http://www.universityofgalway.ie/graduate-studies/currentstudents/guidelines-regulations-forms/)

### Irish Universities' PhD Graduate Skills Statement:

[www.iua.ie/wp-content/uploads/2021/07/IUA-PhD-Graduate-Skills-Statement-2021-final.pdf](http://www.iua.ie/wp-content/uploads/2021/07/IUA-PhD-Graduate-Skills-Statement-2021-final.pdf)

### European University Association (EUA):

[www.eua.be](http://www.eua.be)

### ALIVE: University of Galway's Student Volunteering Programme

Volunteering is a great way to meet new and interesting people. It also is a unique opportunity for students to increase their knowledge, skills and abilities so that they understand and appreciate the diversity of our society by working in partnership with communities for mutual benefit. ALIVE (A Learning Initiative and the Volunteering Experience) was established by the university to enable, harness, acknowledge and support the contribution that University of Galway students make by volunteering at home, in Galway or within the university community itself. When you volunteer, you receive your ALIVE certificate, which is a great addition to your CV.

[www.studentvolunteer.ie/universityofgalway](http://www.studentvolunteer.ie/universityofgalway)

# Research Programme Listings

(Sorted by subject area)

Subject area	Degree(s) available (ft = full-time; pt = part-time)
Accounting	Structured PhD (ft & pt) PhD (pt)
Agribiosciences	Structured Masters (ft & pt)
Anaesthesia	Structured PhD (ft), PhD (ft & pt), MD (ft & pt), MSc (ft & pt)
Anatomy	Structured PhD (ft), PhD (pt), MSc (ft & pt)
Applied Behaviour Analysis	Structured PhD (ft & pt)
Applied Mathematics	Structured PhD (ft), MSc (ft & pt)
Archaeology	Structured PhD (ft), MLitt (ft & pt)
Bacteriology	Structured PhD (ft), PhD (pt), MD (ft & pt), MSc (ft & pt)
Biochemistry & Chromosome Biology	Structured PhD (ft), PhD (pt) & MSc
Bioinformatics	Structured PhD (ft), MSc (ft & pt)
Bioinnovate, Bioinnovation	MSc (ft)
Biomedical Engineering	Structured PhD (ft & pt), MEngSc (ft & pt), MSc (ft), PhD (pt), ME (ft), MApplSc (ft & pt)
Biomedical Engineering and Regenerative Medicine (BMERM)	Structured PhD (ft)
Biomedical Engineering Science	Structured PhD (ft)
Biomedical Science & Engineering	PhD (pt), MSc (ft & pt)

Subject area	Degree(s) available (ft = full-time; pt = part-time)
Biostatistics	Structured PhD (ft), MSc (ft & pt)
Botany/Plant Science	Structured PhD (ft), MSc (ft & pt)
Business Information Systems	Structured PhD (ft), PhD (pt), MSc (ft & pt).
Business, Public Policy and Law	Structured PhD (ft)
Cellular and Molecular Biology	Structured PhD (ft)
Celtic Studies/ Léann Ceilteach	Structured PhD (ft), PhD (pt)
Centre for Excellence in Teaching and Learning (CELT)	PhD (pt), MLitt (pt)
Chemistry	Structured PhD (ft), Structured Masters, MSc (ft & pt)
Child and Youth Research	Structured PhD (ft & pt)
Children's Studies	Structured PhD (ft & pt)
Civil Engineering	Structured PhD (ft & pt), PhD (pt), MEngSc (ft & pt), MApplSc (ft & pt), ME (ft)
Classics	Structured PhD (ft), MLitt (ft & pt)
Cloud Computing Research	MSc (ft & pt)
Commerce	PhD (ft & pt), MComm (ft & pt), MPhil (pt)
Computer Science	Structured PhD (ft & pt), PhD (pt), MSc (ft & pt)
Digital Arts and Humanities	Structured PhD (ft & pt)
Disability Law & Policy	PhD (ft & pt)

Programme listings are correct at time of going to press.  
For updates, please visit [www.universityofgalway.ie/newcourses](http://www.universityofgalway.ie/newcourses)



<b>Subject area</b>	<b>Degree(s) available</b> (ft = full-time; pt = part-time)
<b>Drama and Theatre Studies</b>	PhD (ft & pt), Structured PhD (ft & pt)
<b>Earth and Ocean Sciences</b>	Structured PhD (ft), MSc (ft & pt)
<b>Economics</b>	MLitt (ft & pt)
<b>Education</b>	Structured PhD, PhD (ft, pt), MLitt
<b>Electrical and Electronic Engineering</b>	Structured PhD (ft & pt), PhD (pt), MEngSc (ft & pt), MAppSc (ft & pt), ME (ft)
<b>English</b>	Structured PhD (ft & pt)
<b>Environmental Science</b>	MSc (ft & pt)
<b>Film Studies</b>	Structured PhD (ft & pt), PhD (ft & pt), PhD (practice based [ft & pt])
<b>General Practice</b>	Structured PhD (ft), PhD (pt), MD (ft & pt), MSc (by research, ft & pt)
<b>Geography</b>	Structured PhD (ft), MLitt (ft & pt)
<b>Global Women's Studies</b>	Structured PhD (ft & pt)
<b>Health Promotion</b>	Structured PhD (ft & pt), PhD (ft & pt), MLitt (ft & pt), MPhil (ft & pt), MPhil in Social Care (ft & pt)
<b>Health Psychology Practice</b>	Structured PhD (ft & pt)
<b>History</b>	Structured PhD (ft & pt), PhD (ft & pt), MLitt (ft & pt)
<b>Human Rights</b>	Structured PhD (ft & pt)
<b>Industrial Engineering</b>	Structured PhD (ft & pt), PhD (pt), MEngSc (ft & pt), MAppSc (ft & pt)
<b>Insight Centre for Data Analytics [Engineering]</b>	Structured PhD (ft & pt), PhD (pt), MAppSc (ft & pt), MEngSc (ft & pt)

<b>Subject area</b>	<b>Degree(s) available</b> (ft = full-time; pt = part-time)
<b>Insight Centre for Data Analytics [Science]</b>	PhD (ft & pt)
<b>International Cultural Studies</b>	Structured PhD (ft & pt)
<b>Irish Studies</b>	Structured PhD (ft & pt), PhD (ft & pt), MLitt (ft & pt)
<b>Italian</b>	Structured PhD (ft & pt), MLitt (ft & pt)
<b>Key Enabling Technologies</b>	Structured Masters (ft & pt)
<b>Language Science</b>	PhD (ft & pt)
<b>Latin American Studies</b>	Structured PhD (ft)
<b>Law</b>	Structured PhD (ft & pt), LLM (ft & pt)
<b>Management</b>	Structured PhD (ft)
<b>Marine Sciences</b>	Structured PhD (ft)
<b>Marketing</b>	MSc (pt)
<b>Mathematics</b>	Structured PhD (ft), MLitt (ft & pt), MSc (ft & pt)
<b>Mechanical Engineering</b>	Structured PhD (ft & pt), PhD (pt), MEngSc (ft & pt), MAppSc (ft & pt), ME (ft), MSc (ft)
<b>Medicine</b>	Structured PhD (ft), PhD (pt), MD (ft & pt)
<b>Microbiology</b>	Structured PhD (ft), MSc (ft & pt)
<b>Nua-Ghaeilge</b>	PhD Struchtúrtha (lánaimeartha agus páirtaimseartha), MLitt (lánaimeartha agus páirtaimseartha)
<b>Nursing &amp; Midwifery</b>	Structured PhD (ft & pt), PhD (ft & pt), MPhil (ft & pt)
<b>Obstetrics and Gynaecology</b>	Structured PhD (ft), PhD (pt), MD (ft & pt)

Programme listings are correct at time of going to press.  
For updates, please visit [www.universityofgalway.ie/newcourses](http://www.universityofgalway.ie/newcourses)

<b>Subject area</b>	<b>Degree(s) available</b> (ft = full-time; pt = part-time)
Occupational and Environmental Exposure Science	MSc (ft & pt)
Occupational Therapy	Structured PhD (ft & pt), PhD (ft & pt), MPhil (ft & pt)
Old and Middle Irish	Structured PhD (ft & pt), MLitt (ft & pt), PhD (ft & pt)
Paediatrics	Structured PhD (ft), PhD (pt), MD (ft & pt)
Pathology	Structured PhD (ft), PhD (pt), MD (ft & pt)
Perception, Cognition and Action	Structured PhD (ft & pt)
Pharmacology and Therapeutics	Structured PhD (ft), PhD (pt), MSc (ft & pt), MD (ft & pt)
Philosophy	Structured PhD (ft & pt), MLitt (ft & pt), PhD (ft & pt)
Physics	Structured PhD (ft), MSc (ft & pt)
Physiology	Structured PhD (ft), PhD (ft & pt), MSc (ft & pt)
Plant Agribiosciences	Structured PhD (ft)
Podiatric Medicine	Structured PhD (ft & pt), PhD (ft & pt), MPhil (ft & pt)
Political Science and Sociology	Structured PhD (ft)
Population Health Health Science Research	Structured PhD (ft & pt)
Psychiatry	Structured PhD (ft), PhD (pt), MD (ft & pt)
Psychology	Structured PhD (ft & pt)
Psychology & Health	Structured PhD (ft)
Radiology	Structured PhD (ft), PhD (pt), MD (ft & pt), MSc (ft)

<b>Subject area</b>	<b>Degree(s) available</b> (ft = full-time; pt = part-time)
REMEDI	Structured PhD (ft), PhD (pt), MSc (ft & pt)
Ryan Institute [Science]	MSc (ft & pt)
Sociology & Politics	Structured PhD (ft), MLitt (ft & pt)
Spanish Studies	Structured PhD (ft), MLitt (ft & pt)
Specialist Nursing	Research Masters
Speech and Language Therapy	Structured PhD (ft & pt), PhD (Language Science) (ft & pt), MPhil (ft & pt)
Statistics	Structured PhD (ft), MSc (ft & pt)
Studio Art	PhD (ft & pt)
Surgery	Structured PhD (ft), PhD (pt), MCh (ft & pt), MD (ft & pt)
TechInnovation	PDip (ft)
Women's Studies	MLitt (ft & pt)
Zoology	Structured PhD (ft), MSc (ft & pt)

Websites for each of these research course options are online via:

[www.universityofgalway.ie/courses/research-postgraduate-programmes](http://www.universityofgalway.ie/courses/research-postgraduate-programmes)



# A Hardiman PhD Student Profile

"I have always had an interest in the human body, disease states and the molecular mechanisms through which they arise. Thus, I pursued a bachelor's degree in Science in University of Galway, specialising in Human Anatomy. The use of immortalised cell lines and microscopy to study diseases has always fascinated me and led me to choose a final year project researching breast cancer. This was one of the most enjoyable parts of my degree which sparked an interest in research as a career option.

Following the completion of my degree, I applied for a College of Medicine, Nursing & Health Sciences research scholarship which allowed me to continue work in this field throughout the summer months. I found this time incredibly exciting and rewarding, so I applied for a research assistant position in the Anatomy Department and shortly after decided to draft up a PhD proposal.

Having previously studied in University of Galway, I was confident that that this institution has everything required for the successful completion of my postgraduate studies and preparation for the working environment. I received the Hardiman Scholarship which will fund my research for four years. I am currently in the third year of my PhD studies and my project investigates the role that the DNA damage response gene, H2AFX, plays in the development and progression of luminal breast cancers. I am incredibly grateful for the opportunities and experiences that this scholarship at University of Galway is affording me, as it is allowing me to build the necessary foundation for my career. In the future I hope to continue my research journey as a postdoctoral fellow in a cancer research institute."

## **Karolina Salciute**

Hardiman Scholar and  
PhD Student,  
University of Galway



# The Research Application Process

1. Find a Supervisor/PhD Project
2. Funding and Scholarships
3. Apply Online (see page 312)





# 1

## Find a Supervisor/ PhD Project

One of the most important parts of choosing a research programme is finding a supervisor who has relevant expertise in your area of interest. You can find potential supervisors and identify the key research interests of our academic staff and researchers by using our online search site: [www.universityofgalway.ie/findasupervisor](http://www.universityofgalway.ie/findasupervisor)

You can use this site to find potential supervisors and identify the key research interests of our academic staff and researchers. Insert a keyword to find a PhD project or supervisor name (see search field box, see Fig. 1). For example, inserting the keywords 'artificial intelligence', will return these results (partial screenshot shown, more entries will be displayed online):

When you find a supervisor who, or a project that, aligns with your research interests, you should make contact with the relevant academic to discuss matters further. They can also advise you on how to apply to become an University of Galway research student.

Fig. 1: Screenshot from "Find a supervisor" website

COURSES UNIVERSITY LIFE ABOUT NUI GALWAY COLLEGES & SCHOOLS RESEARCH & INNOVATION BUSINESS & INDUSTRY ALUMNI, FRIENDS & SUPPORTERS COMMUNITY ENGAGEMENT

HOME > COURSES > PHDS AND RESEARCH MASTERS > FIND A SUPERVISOR/PHD PROJECT

## FIND A SUPERVISOR/PHD PROJECT

Overview

Undergraduate Courses

Postgraduate Taught Courses

Professional, Part-time and Evening Courses

PhDs and Research Masters

**Find a Supervisor/PhD Project**

- Choosing a Research Programme
- Structured Programmes
- Non-Structured Programmes
- Current Opportunities
- Research Scholarships

Online Courses

Continuing Professional Development (CPD)

How to Apply

One of the most important parts of choosing a research programme is finding a supervisor who has relevant expertise in your area of interest. When you find a supervisor who, or a project that, aligns with your research interests, you should make contact with the relevant potential supervisor/lecturer/Professor or NUI Galway staff member to discuss matters further. They can also advise you on how to apply to become an NUI Galway research student.

To help you find potential supervisors/PhD projects and identify the key research interests of our academic staff and researchers, you can use the 'Search' facility below to search by supervisor name(s) or using keyword searches, e.g., history.

### Find a Supervisor

Find potential Supervisors/PhD Projects and identify the key research interests of our academic staff and researchers.

Download:

Supervisor	Interests	Theme	Sub-Theme
Breslin, Prof John Personal Professor	* Data Science; Artificial Intelligence; Social Semantics; Social Media; Semantic Web * Agricultural Technology; Smart Manufacturing; Innovation and Entrepreneurship * Electrical and Electronic Engineering;	Informatics, Physical and Computational Sciences	Data Analytics & Future Networks

You can then download/export your results in different formats (e.g., PDF or Excel). The output file includes details of the research theme and sub-theme of our current research projects. Contacts for each are also listed.

This search site links to IRIS, University of Galway's Institutional Research Information System, which enables researchers and academic staff to maintain an up-to-date CV and showcase their research expertise. For example, clicking on the hyperlink under Professor John Breslin's name in the 'Find our supervisor/PhD project' supervisor column (see Fig. 1) will bring you to Professor Breslin's entry in the IRIS database:

This details the researcher's biography, and clicking on the **Research tab (link)** in this section will give you more important information. Other links to view include **Publications** (Book Chapters, Peer Reviewed Journals, Conference Papers, and so on) (see Fig. 2).

Visit [www.universityofgalway.ie/research-office/onlinesystems/iris](http://www.universityofgalway.ie/research-office/onlinesystems/iris) for more information on this innovative online system.

The screenshot shows the IRIS database profile for Prof John Breslin. The page has a breadcrumb trail: HOME > RESEARCH > PEOPLE > ENGINEERING & INFORMATICS. The main header is 'ENGINEERING & INFORMATICS'. On the left is a navigation menu with links: Overview, Research Areas, Facilities, People (with sub-links 'About Researcher Profiles' and 'HR Excellence in Research'), Research Community Portal, Office of the Vice President for Research, Research Office, Innovation Office, Researcher Development Centre, and Responding to COVID-19 | NUI Galway Research & Innovation. The main content area is titled 'Prof John Breslin' and includes a profile picture. Below the name is a 'Contact Details' section listing his role as Research Leader, unit (Unit for Social Semantics, Data Science Institute, IDA Business Park, NUI Galway), and email (john.breslin@nlight-centre.org). A horizontal navigation bar contains tabs: Biography, Research (highlighted with a red arrow), Publications, Professional, Teaching, and Collaborators. Below the tabs are sections for 'Research Interests' (listing Data Science, Artificial Intelligence, Social Semantics, etc.), 'Research Activity' (listing total refereed papers, books, PhDs, and funding), and 'Research Projects'.

Fig. 2: Screenshot from 'Find a supervisor/PhD project' website

# 2

# Funding and Scholarships

## University Scholarships

### The Hardiman PhD Scholarships

[www.universityofgalway.ie/hardiman-scholarships](http://www.universityofgalway.ie/hardiman-scholarships)

The Hardiman PhD Scholarships are fully funded, four-year PhD scholarships, focused on five key areas of world-class research in which the university offers leading expertise. The primary strategic aim is to attract the best students to University of Galway and to support their development as innovative individuals who will contribute globally to economic, cultural and social development. The Hardiman PhD scholarship provides you with a tuition fee waiver and an annual stipend over four years. Successful applicants will be expected to have a First or upper Second Class Honours primary degree or equivalent. Shortlisting of applicants will be undertaken by a panel and those shortlisted will be interviewed. Successful candidates will register for a full-time structured PhD at the university.

## University of Galway College Scholarships

Information on PhD scholarships is available from the following college websites:

### College of Arts, Social Sciences and Celtic Studies

[www.universityofgalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/phd-research-degrees/scholarships/](http://www.universityofgalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/phd-research-degrees/scholarships/)

### College of Business, Public Policy and Law

J.E. Cairnes School of Business & Economics  
[www.universityofgalway.ie/courses/research-postgraduate-programmes/](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/)

School of Law

[www.universityofgalway.ie/business-public-policy-law/school-of-law/research/scholarships/](http://www.universityofgalway.ie/business-public-policy-law/school-of-law/research/scholarships/)

Shannon College of Hotel Management

[www.universityofgalway.ie/shannoncollege/research/phdscholarship/](http://www.universityofgalway.ie/shannoncollege/research/phdscholarship/)

### College of Medicine, Nursing & Health Sciences

[www.universityofgalway.ie/medicine-nursing-and-health-sciences](http://www.universityofgalway.ie/medicine-nursing-and-health-sciences)

### College of Science and Engineering

[www.universityofgalway.ie/science-engineering](http://www.universityofgalway.ie/science-engineering)

[www.universityofgalway.ie/science-engineering/scholarships/#tab2](http://www.universityofgalway.ie/science-engineering/scholarships/#tab2)

## External Scholarships

Opportunities for funded PhD positions in the university may be advertised on the EURAXESS European Commission web-site at

<https://euraxess.ec.europa.eu/> and on our university web-site at

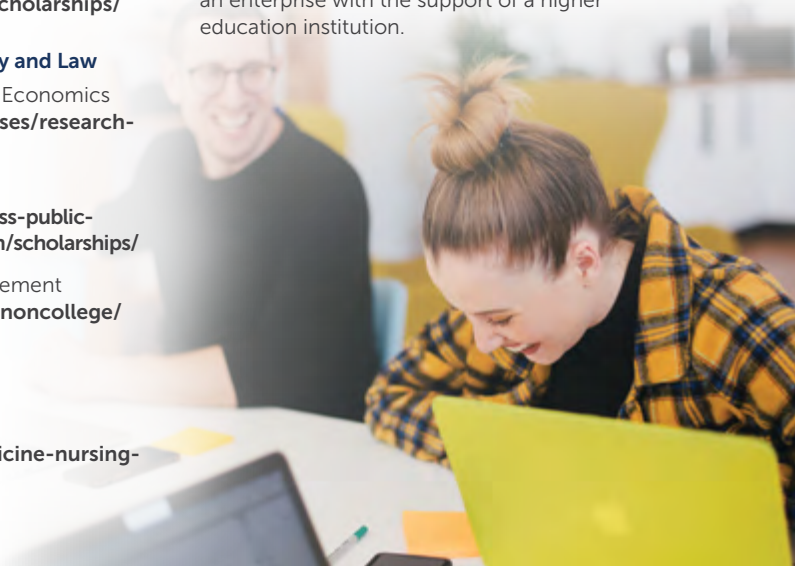
[www.universityofgalway.ie/about-us/jobs/research/](http://www.universityofgalway.ie/about-us/jobs/research/)

## Irish Research Council (IRC)

[www.research.ie](http://www.research.ie)

The IRC provides postgraduate funding to undertake a PhD programme in all disciplines, under the following schemes:

- **IRC Government of Ireland Postgraduate Scholarship Scheme:** supports suitably qualified research master's and doctoral candidates pursuing or intending to pursue full-time research in any discipline.
- **Employment Based Postgraduate Programme:** supports suitably qualified candidates in any discipline working in partnership with academia and industry while employed by an enterprise partner.
- **Enterprise Partnership Programme:** co-funds awardees to bring great research ideas into an enterprise with the support of a higher education institution.





### **Wellcome Trust**

<http://wellcome.ac.uk/funding>

This funding scheme supports individuals, teams, resources, seed ideas, places and major initiatives in these areas: biomedical science, population health, product development and applied research, humanities and social science, public engagement and creative industries.

### **NUI Awards**

[www.nui.ie](http://www.nui.ie)

The National University of Ireland makes awards available to postgraduate research students.

### **Universities Ireland North/South Scholarship Scheme**

[universitiesireland.ie/northsouth-postgraduate-scholarships/](http://universitiesireland.ie/northsouth-postgraduate-scholarships/)

The aim of this collaborative scheme is to encourage outstanding students from the Republic of Ireland and Northern Ireland to cross the border to undertake postgraduate study and experience life in the other jurisdiction on the island.

### **International Scholarships**

#### **University of Galway International Student Scholarships**

[www.universityofgalway.ie/internationalscholarships/](http://www.universityofgalway.ie/internationalscholarships/)

University of Galway is committed to attracting high calibre students from around the world. To this end, the university offers a range of scholarships to students from a number of countries, in line with our strategic international priorities.

### **Other external funding sources for global students:**

#### **Irish Fulbright Commission: Fulbright US Student Awards [www.fulbright.ie](http://www.fulbright.ie)**

The Fulbright Commission of Ireland annually awards grants to Irish and EU postgraduate students, scholars and professionals to study, research and lecture in the US. American students can do the same in Ireland via this reciprocal arrangement.

#### **The George J. Mitchell Scholarships [www.us-irelandalliance.org](http://www.us-irelandalliance.org)**

Up to 12 Mitchell Scholarships are awarded annually. Applicants are judged on these criteria: scholarship, leadership and a sustained commitment to community and public service.

The Mitchell Scholars Program provides tuition, accommodation and a stipend for living expenses. To be eligible for consideration in the Mitchell Scholarship Program, a candidate must:

- be a citizen of the US;
- be at least 18 years of age, but not yet 30 years;
- hold a bachelor's degree from an accredited college or university (not necessarily in the US) before beginning study as a Mitchell Scholar.

#### **US Federal Aid Funding**

[www.universityofgalway.ie/international-students/studyinireland/feesfinance/federalaid/](http://www.universityofgalway.ie/international-students/studyinireland/feesfinance/federalaid/)

There are several federal programs available for US citizens (or eligible non-citizens) who are enrolled at University of Galway at least half-time in a degree, master's or PhD programme as follows: Federal Direct Loans (Subsidised and Unsubsidised); Federal Direct PLUS loans. For details on eligible programmes and grants, please see the website.



## Other External Funding Sources for global students

[www.universityofgalway.ie/internationalscholarships/](http://www.universityofgalway.ie/internationalscholarships/)

### Ireland Fellows Programme

[www.irishaidfellowships.ie](http://www.irishaidfellowships.ie)

The Fellowship Training Programme involves the award of fellowships to suitably qualified candidates from target countries to undertake studies usually at postgraduate level in fields such as development studies, rural development, healthcare, education, and other disciplines which are likely to support and enhance the capacity of recipients to contribute to the development effort in their own countries. Irish Aid Fellowships are awarded through a number of 'strands', each of which has a different focus in terms of eligible countries and subject areas.

The annual application cycle for most fellowships begins in September of each year looking toward entry for the following academic year. In the months leading up to each new application round, institutions are specifically invited to submit details of master's courses which correspond to the priority areas for fellowships.

### China Scholarship Council

[apply.csc.edu.cn/csc](http://apply.csc.edu.cn/csc)

The China Scholarship Council (CSC) is a Chinese government agency which provides scholarships to students for doctoral studies abroad. Applicants to all research areas will also be considered. See also information on our website: [www.universityofgalway.ie/international-students/studyinireland/yourcountry/china/](http://www.universityofgalway.ie/international-students/studyinireland/yourcountry/china/)

### Funding for Australian Students

#### The General Sir John Monash Awards

[www.johnmonash.com/applications](http://www.johnmonash.com/applications)

Only Australian citizens graduating from Australian universities are eligible to apply.

The John Monash Scholarships are one of Australia's most prestigious awards, recognising potential leaders in all fields. In awarding John Monash Scholarships, factors considered include outstanding intellect, leadership, citizenship, a well-defined research project at a non-Australian university, the significance of the applicant's potential contribution to their field and to the community, and referee reports outlining the applicant's abilities.

### Education in Ireland

[www.educationinireland.com/en](http://www.educationinireland.com/en)

This government agency is responsible for promoting Irish education overseas. The website lists various funding opportunities for global students studying in Ireland.

#### More funding bodies:

- The Paras Education Foundation (TPEF)
- European Union
- The Health Research Board
- International Scholarship Resources
- Open Society Foundations
- Research Careers Ireland

### General Information/Links

See also: [www.universityofgalway.ie/courses/research-postgraduate-programmes/researchscholarships](http://www.universityofgalway.ie/courses/research-postgraduate-programmes/researchscholarships) for other funding information, including short-term funding opportunities and travel grants.

- **Bioinnovate Ireland Fellowship:** This is a specialist medical device innovation programme: [www.bioinnovate.ie](http://www.bioinnovate.ie)
- **www.revenue.ie:** This website provides information on how income arising from a scholarship is exempt from tax.
- **www.studentfinance.ie:** This website has information on financial support for further and higher education.
- **Student Universal Support Ireland (SUSI):** Applications for student grants can be made at [www.susi.ie/](http://www.susi.ie/)

# 3

## Apply Online

The final step in the research application process, once you have found your supervisor and PhD project, and hopefully secured funding, is to apply online:

[www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

For full details on how to apply, please see page 312 of this prospectus.

# The Hardiman PhD Scholarships at University of Galway

The Hardiman doctoral scholarship scheme celebrated its tenth anniversary in 2021, marking over a decade since the first awards in 2011. The Hardiman scholarships are funded through a combination of generous philanthropic donation and university and college-level funding support. They offer opportunities for suitably qualified individuals to pursue full-time, fully funded PhD studies in one of the four colleges on topics aligned to the five key areas of research in which the university offers leading expertise:

- Enhancing policy and society;
- Enriching creativity and culture;
- Improving health and well-being;
- Realising potential through data and enabling technologies;
- Sustaining our planet and people.

The objective of the Hardiman Scholarships is to attract the best scholars to University of Galway, with the determining criterion in awarding a Hardiman Scholarship being the quality of the applicant, nationally and internationally. Over the past decade circa, 2600 excellent applicants have applied for a Hardiman scholarship. This has resulted in awarding 240 high-achieving individuals, who have an appetite for the research world and creativity, who thrive on intellectual excitement, and who positively impact and shape the future for all in our society, a prestigious Hardiman PhD Scholarship.

Testimonials on the Hardiman Scholar experience at University of Galway is provided on pages 290 and 300 from two of our Hardiman Scholars. A further 20 Hardiman PhD scholarships have been awarded in 2022 to excellent PhD candidates.

[www.universityofgalway.ie/hardiman-scholarships](http://www.universityofgalway.ie/hardiman-scholarships)

Number of Hardiman Scholarships awarded at University of Galway

2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
24	15	24	19	28	27	25	11	17	23	31



# Commercialising Your Research

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University of Galway creates an environment that promotes entrepreneurship, innovation and impact.



“BioProbe Diagnostics has developed the world’s first complete water test that detects and identifies multiple species of Legionella in record time. A rapid and highly sensitive qPCR test, Bio Lp-1 simultaneously detects and identifies extremely low levels of Legionella bacteria in a single test. Bio Lp-1 has the capacity to transform the global environmental testing landscape for detection of the human pathogen Legionella. Traditional methods for testing the presence of Legionella in water can take up to 14 days. Competitor PCR tests and tests based on biochemical detection, lack sensitivity and are not truly quantitative. Bio Lp-1 provides a complete profile of all Legionella present in a water sample in less than three hours. Global legionella outbreaks are on the rise, exacerbated by COVID-19-lockdowns and climate change patterns. Legionella bacteria are water-borne and can cause a severe form of pneumonia, which is fatal in 10% of cases. Rapid detection and remedial action are key to prevent it spreading and to reduce the risk of further infection. BioProbe Diagnostics is a spin out company from University of Galway and is based on the university campus in a state-of-art molecular diagnostics facility. BioProbe Diagnostics is a recipient of the European Commission’s Fast Track to Innovation Award (Grant Agreement 950822), 2022 Earthshot Awards nominee, and is currently collaborating with leading international partners to bring Bio LP-1 to market.”

**Dr Kate Reddington**

Founder, BioProbe Diagnostics

Galway, along with the west of Ireland, is a thriving and dynamic place for enterprise and entrepreneurs. With a large student population and immense research outputs, our university plays a crucial role in underpinning this ecosystem. The region is recognised internationally as a hotspot for sectors including medtech, ICT and the marine and creative industries. In terms of technology transfer and its commercial activities and achievements, University of Galway continues to perform highly in relation to every other Irish university.

## Innovation Office

The Innovation Office is the knowledge-transfer and entrepreneurial hub for the university, advancing University of Galway's impact on society by enabling collaboration, knowledge transfer and research commercialisation.

The team also supports the west of Ireland's vibrant innovation ecosystem through its work with entrepreneurs, start-ups, industry and governmental agencies. Working closely with the University of Galway research community, the Innovation Office bridges the gap between research and industry. Through this engagement with industry, the impact of innovations and expertise realises its full potential. The team within the office have extensive commercial experience and a network of industry experts, patent agents and legal experts to help commercially exploit research outputs for the benefit of the university and the wider community.

### New programmes supporting our research community from the Innovation Office are:

1) Innovation Office Impact Series delivered over seven weeks for early stage researchers. The workshops will be delivered through a mix of online and face to face sessions and are open to staff and researchers from all disciplines at University of Galway. The series focuses on knowledge sharing, creating impact from research, intellectual property and understanding commercialisation pathways, as well as hearing from entrepreneurs who have travelled a commercial journey successfully.

2) Innovation Office Impact Accelerator delivered over three months for those looking to progress their idea or technology commercially. This is an intense, hands-on programme ensuring a set of milestones are met, with the necessary goals put in place to help you start a business. Applicants will be on a commercial pathway, i.e., engaged in a commercial project or be in the position to set up a business or looking for investor-ready pathways for their idea.

## Services and Supports

The Innovation Office offers many services and supports, including:

- Delivering policy, processes, guidelines and skills development for researchers;
- Managing university intellectual property and technologies;
- Running research, innovation and entrepreneurship programmes;
- Establishing partnerships with industry to facilitate collaborative research projects;
- Encouraging the establishment of start-up companies;
- Facilitating enterprise engagement supports available in University of Galway;
- Managing the Business Innovation Centre and Bioincubation facilities, which are home to over 35 companies;
- Building on new business partnerships of investors and management teams for University of Galway commercialisation activities.

## Innovation Ecosystem

There is a strong innovation and entrepreneurship ecosystem on campus, and the university provides support for turning ideas into viable businesses.

The Innovation Office team works with postgraduate and PhD students through dedicated programmes to support innovative ideas and entrepreneurship. For those wanting to develop or create a medtech start-up, University of Galway has dedicated programmes such as the BioInnovate Programme which is based on an approach used in Stanford University.

## Business Innovation Centre

The Innovation Office offers facilities in the University of Galway Business Innovation Centre of benefit to any new company. The Business Innovation Centre is a hive of activity, with an average of five new companies joining every year and over 35 companies based there at any one time. The companies based at University of Galway's Business Innovation Centre are research-intensive and innovative. They have spun out of research discoveries on campus or spun in to collaborate and engage with our innovation ecosystem and research expertise and facilities.

University of Galway's Business Innovation Centre is based across three locations on campus. It offers companies a base with excellent facilities including wet-labs, offices, hot-desks and co-working spaces.

The centre is heavily focused on generating global, scalable companies and creating jobs in both social and economic spheres. These companies reflect regional strengths, including medtech, ICT and sustainability.

To date, the Business Innovation Centre has supported over 100 start-ups who have created 1,500 jobs and raised in the range of €480 million in funding.

[www.universityofgalway.ie/innovation](http://www.universityofgalway.ie/innovation)





# What's Next?

You've seen our taught courses and research programmes and are considering studying with us. The following section is our guide on what to do next: how to apply, check programme fees, find taught course funding, and more.

# How to Apply

We encourage all applicants to apply as early as possible.



## Online Application

Applications to most postgraduate programmes at University of Galway are made online via [www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply)

The application system will be open from **1 October 2022** to accept applications for entry to the 2023–24 academic year. Applications are submitted via an online form, and a step-by-step guide will assist you through the process. An application fee will be required, and this is non-refundable. You will require an active email account to use the system.

## Application Fee

An application fee of **€35** is payable upon making an application and is non-refundable. Upon completing an application for a course, applicants are provided with a discount code to apply for a second course at no extra charge. Therefore the €35 fee will facilitate up to two course applications.

## Supporting Documents

When making an online application, most programmes require additional documentation to supplement your application, such as an essay, samples of work, a CV, etc. To see what supporting documents, if any, may be required for your programme, please visit:

[www.universityofgalway.ie/postgrad-admissions](http://www.universityofgalway.ie/postgrad-admissions)

After submitting an application you must then upload the supporting documents.

Your application will not be put forward for review until all the supporting documents have been uploaded and your application status (on your online account) changes to 'Marked Complete'.

## Other Application Routes

A small number of courses have an alternative application system. These alternate routes will be clearly listed on the relevant programme page in this prospectus and in the online course listing at [www.universityofgalway.ie/courses](http://www.universityofgalway.ie/courses)

## When Should I Apply?

Applications are open for entry in 2023 on **1 October 2022**. Please note that University of Galway does not set a deadline for receipt of applications (with some exceptions, see page 313). Course quotas will be reviewed at specified times during the application cycle. As many courses fill up quickly, you are advised to apply early. Programmes which reach their quota before these review dates will not accept new applications. You are advised therefore to apply early to avoid disappointment.

Offers will be issued on a continuous basis, with the exception of applications for some programmes which are reviewed after the specified closing date. University of Galway aims to review applications within **ten working days** of receiving a **complete** application, however application reviews for some programmes may take longer.

Upon review of the application, applicants will receive an update on the decision (normally within three weeks of submitting an application). Candidates who do not have their final degree marks available may be made a conditional (provisional) offer. Applications will continue to be reviewed in the summer months if there are still programme places available.

## Exceptions

A number of programmes have specific deadlines, for example:

- Professional Master of Education (PME) and Máistir Gairmiúil san Oideachas (MGO);
- Doctor of Psychological Science (Clinical Psychology).

**Important:** for the full list of programmes that have a set closing date, see [www.universityofgalway.ie/postgrad-admissions/key-dates/](http://www.universityofgalway.ie/postgrad-admissions/key-dates/)

## Research Applicants

As a research applicant, you are advised, in the first instance prior to submitting an online application, to consult with the academic discipline, school or research centre at University of Galway in which you intend to do your research. At this stage, you should have prepared an outline proposal for submission for the department to consider and support. Before making an application, applicants will be required to find a supervisor (see page 302 for information).

Generally there is no closing date for research applications. However, applications for the PhD degree in the traditional format (i.e., Non-Structured PhD) in the College of Arts, Social Sciences, and Celtic Studies are considered for students commencing their programmes in September and January only. Only applications received before mid-July and mid-November respectively (in the year of study) will meet these commencement requirements.

**PLEASE NOTE:** Structured PhD applicants in the College of Arts, Social Sciences, and Celtic Studies must apply by mid-July to commence in September. In a small number of cases, a closing date has been set up for research programme(s)—you are advised, therefore, to check the specific research course.

## Recommendations

We recommend that you apply early in the year (November/December), particularly for programmes that start in the autumn (September/October), especially if you are applying from outside of the European Union (EU) as you will need to apply for a student visa. See page 320 for further information.

You should also allow sufficient time to make any financial, travel and accommodation arrangements when you are offered a place.

## Deposit—Taught Courses

If you are successful in obtaining a taught programme place, you will be obliged to pay a **non-refundable deposit** (€500 generally; €1,000 for some programmes) to secure your place. This deposit is then deducted from the full course fee. **No deposit is required for research programmes.**

## English Language Requirement

Applicants from outside of Ireland whose first language is not English must provide evidence that their English-language ability meets the required standard for admission. Please visit [www.universityofgalway.ie/international-students/apply.html](http://www.universityofgalway.ie/international-students/apply.html) to see the list of English language tests we accept. The English language test must have been taken no more than two years prior to the commencement of your course at the university. Please visit [www.universityofgalway.ie/international-students/apply.html](http://www.universityofgalway.ie/international-students/apply.html). For information on testing centres and dates of English-language proficiency tests, see [www.ets.org/toefl](http://www.ets.org/toefl) and [www.ielts.org](http://www.ielts.org)

**NOTE:** the University of Galway TOEFL institution code is 8861.

## Further Information and FAQs

For more detailed information on making an application, please visit [www.universityofgalway.ie/courses/how-to-apply](http://www.universityofgalway.ie/courses/how-to-apply). If you are an international applicant, please visit [www.universityofgalway.ie/international-students/apply.html#tab3](http://www.universityofgalway.ie/international-students/apply.html#tab3)

## Garda Vetting/Police Clearance

Some courses require students to provide garda vetting and/or police clearance certificate(s) prior to registration. Such requirements are clearly noted in this prospectus. You can find more details about the university's police clearance policy at [www.universityofgalway.ie/admissions/admissionspoliciesandregulations](http://www.universityofgalway.ie/admissions/admissionspoliciesandregulations)

## Recognition of Prior Learning

The university's Recognition of Prior Learning (RPL) process may allow students to gain admission to a programme of study or in some cases to gain exemptions from some parts of a programme. This is based on demonstrated learning achieved prior to admission. Some of the programmes of study listed in this prospectus may consider RPL applications. For further information, please contact the programme director or visit [www.universityofgalway.ie/adult-education/recognition-of-prior-learning](http://www.universityofgalway.ie/adult-education/recognition-of-prior-learning).



# Postgraduate Fees

## Postgraduate Tuition Fees

Fees can be subject to change from year to year. Please check [www.universityofgalway.ie/fees](http://www.universityofgalway.ie/fees) for exact individual course fees. Fees quoted are all per annum fees.

Tuition fees for international (non-EU\*) students are also listed on [www.universityofgalway.ie/fees](http://www.universityofgalway.ie/fees)

\*An EU student is defined as an EU national (i.e., holding an EU passport/or birth certificate) who has been ordinarily resident in an EU member state for at least three of the five years immediately preceding their entry to the third-level course. This excludes residency for educational purposes. For more information see [www.universityofgalway.ie/fees](http://www.universityofgalway.ie/fees)

## Methods of Payment

EU fees can be paid securely online when registering using a debit or credit card. Alternatively, you can request a bank giro online; log into your student portal at [www.universityofgalway.ie/fees](http://www.universityofgalway.ie/fees) and click on the, "Online Fee Payment Service", link. Bank giros can only be used in a bank within the Republic of Ireland. Please retain your receipt for proof of payment. EU fees may be paid in two equal instalments—50% on registration and 50% by 31 January (of the following year). If you are being funded by a SUSI grant or another organisation, you must provide written evidence of this funding to the Fees Office by 31 October annually.

International student fees may be paid in full prior to registration or 50% of fees may be paid before registration\* and the balance paid in full before 31 January 2024.

\*Depending on visa requirements, students may need to pay €6,000 or 50% as part of their visa approval/application. For more information see [www.universityofgalway.ie/student-fees/international](http://www.universityofgalway.ie/student-fees/international)

## Deposit—Taught Courses only

To secure a taught course postgraduate place at University of Galway, a deposit is payable at offer/acceptance stage. The deposit is usually €500 but can be €1,000 for some courses. The deposit payment is deducted from your course fee at registration. If you do not register at University of Galway, then this deposit is not refundable. However, if you did not attain the stipulated conditions of your offer when a conditional offer was originally made, the deposit will be refunded to you, with the exception of the Professional Master of Education and Máistir Gairmiúil san Oideachas programmes.

## Grants

Comprehensive information is available online at [www.studentfinance.ie](http://www.studentfinance.ie). Grant applications can also be made online at [www.susi.ie](http://www.susi.ie). For additional postgraduate funding opportunities, please see pages 310 and 316.

## Tax Relief

Full- and part-time students may be entitled to tax relief on tuition fees. Applications for tax relief on course fees paid must be made using an application form available from the Revenue Commissioners. See [www.revenue.ie](http://www.revenue.ie). The maximum amount of tax relief on tuition fees is €7,000 per annum.



# Student Support and Resources

## Student Disability Support Service

The Disability Support Service (DSS) is part of the Access Centre and provides support to students who have a disability or learning difficulty including:

- Autism spectrum disorder, including Asperger's syndrome
- ADD/ADHD
- Blind/vision impaired
- DCD—dyspraxia/dysgraphia
- Deaf/hard of hearing
- Mental health condition
- Neurological condition
- Physical disability
- Significant ongoing illness
- Specific learning difficulty, including dyslexia and dyscalculia.

The DSS works closely with academic staff and other support services to enable students with a disability to become independent learners and successful graduates. If you have any of the above disabilities and require particular supports, it is important that you register with the DSS as soon as you accept your offer from University of Galway. You can do this by completing the online registration form at [www.universityofgalway.ie/disability](http://www.universityofgalway.ie/disability)

University of Galway's Access Centre launched the **JAM card** on Friday 3 December 2021 as part of the University of Galway's International Day of Persons with Disabilities Celebrations.

The JAM Card® is an exciting campus-wide initiative to support those who may find it difficult to communicate or who get easily overwhelmed in busy public areas.

JAM Card® was created by NOW Group, a social enterprise that supports people who, for example, have autism, acquired brain injury, a learning difficulty, or any hidden disability, which may mean that they need "Just a Minute" to allow them to complete their business.

For more information see: [www.universityofgalway.ie/about-us/news-and-events/news-archive/2021/december/](http://www.universityofgalway.ie/about-us/news-and-events/news-archive/2021/december/)

## Student Services

Student services can help before, during, and after study at University of Galway. Support services include accommodation, career

development, chaplaincy, childcare assistance, counselling, disability support, and health and well-being. We also offer financial advice and assistance, study skills training, and mentoring. [www.universityofgalway.ie/student-services](http://www.universityofgalway.ie/student-services)

## Student Societies

Societies are at the heart of college life at University of Galway. No matter what your interest, with over 100 active societies, everyone can find their niche. Societies are a perfect base from which to build friendships with like-minded people, learn new skills, and explore your interests. Every year over 3,000 society events are held, from music gigs to archaeological digs. Pick one or two and just turn up.

[www.socs.universityofgalway.ie](http://www.socs.universityofgalway.ie)

## Students' Union

The Students' Union (SU) provides services to students on campus including life skills support, travel advice, and much more. Its offices at the centre of campus include a café and bookshop. The SU aims to take students' voices to every level. Each college has student representatives, ensuring that all students can have their say. The SU complements the university's provision of welfare services; it also provides part-time employment opportunities for students. [www.su.universityofgalway.ie](http://www.su.universityofgalway.ie)

## Alumni

At University of Galway we love to keep in touch with our alumni. You are an University of Galway graduate for life. Advantages include career advice and alumni discounts, events, newsletters and publications, and reunions. Make sure to keep in touch after you've left. We want to hear from you and keep you up to date with what's happening. [www.universityofgalway.ie/alumni-friends](http://www.universityofgalway.ie/alumni-friends)

## Childcare

Spraio Early Learning Centre operates the University Crèche, located close to campus. At Spraio, the focus is on learning through play and sensory play. Parents who are interested in enrolling children in the crèche should contact [spraoinuig@gmail.com](mailto:spraoinuig@gmail.com). For a tour or for more information, contact the Crèche Manager on T: +353 91 493 739.



# Postgraduate Funding: taught courses

**NOTE:** see page 304 for research funding information.

## Funding

There are several sources of funding available to students who fall within certain eligibility criteria, including student grants. A comprehensive list is available online at [www.studentfinance.ie](http://www.studentfinance.ie). Family and/or personal income is a key factor that will be assessed when you apply for a grant, but there are other criteria. Visit our funding website (it lists course-specific scholarship opportunities) at

[www.universityofgalway.ie/postgraduate\\_scholarships](http://www.universityofgalway.ie/postgraduate_scholarships)

## Scholarships

At University of Galway, we are keen to ensure that the brightest and most committed students progress to postgraduate study. Our generous Postgraduate Scholarships (valued at **€1,500 per student**) are designed to reward excellent students who have attained First Class Honours in their undergraduate studies (see page 337). Details of the Taught Masters Scholarship Scheme, and all other course-specific scholarships and bursaries available, are online at [www.universityofgalway.ie/postgraduate\\_scholarships](http://www.universityofgalway.ie/postgraduate_scholarships)

University of Galway is committed to attracting high-calibre students from around the world. The university offers a number of partial international scholarships on a competitive

basis to global students.

For more information about eligibility criteria and how to apply, please see

[www.universityofgalway.ie/international](http://www.universityofgalway.ie/international)

## Springboard and ICT Skills Conversion Programme

**Springboard** began in 2011 as part of the government's Jobs Initiative. It complements the core state-funded education and training system and provides free or 90% funded upskilling and reskilling higher education opportunities in areas of identified skills need. The **ICT skills conversion programme** is targeted at students who already hold a Level 8 or equivalent qualification in a non-computing/IT discipline and are interested in undergoing an intensive full-time (1 year) or part-time (2 years) programme of study and work experience, to acquire honours-degree-level ICT programming skills.

Springboard courses and the ICT skills conversion programme are now run as a joint initiative under the banner brand **Springboard+**. Each year some of our postgraduate courses are funded via **Springboard+**.

More information is available online: [www.education.ie/en/Learners/Information/Upstreaming-and-Training-options](http://www.education.ie/en/Learners/Information/Upstreaming-and-Training-options)



## Training Places for Unemployed/Low Income Groups

Springboard courses are free educational courses, offered as part of a government/ Higher Education Authority initiative, aimed at both job seekers and those in employment. All courses are part-time and flexible, enabling students to keep their social protection supports while seeking work or to upskill while in employment. All courses lead to qualifications in enterprise sectors which are growing and need skilled personnel, including information and communications technology (ICT); the medical devices sector; biopharmapharmachem; green energy; international financial services; and the food and beverage sector. Qualifications are also available in cross-enterprise skills such as regulatory compliance, digital design and creative arts management.

University of Galway has received funding from the national Springboard scheme for courses over the last number of years. For further information, including details on eligibility and making an application, visit

[www.universityofgalway.ie/adult-learning/springboard](http://www.universityofgalway.ie/adult-learning/springboard)  
or  
[www.springboardcourses.ie](http://www.springboardcourses.ie).

### Approved ICT Skills (part-time) Conversion Courses for 2022–23

- Postgraduate Diploma in Cloud Computing and Software Development
- Postgraduate Diploma in Cybersecurity and Software Development

### Approved Springboard (part-time) Courses for 2022–23

#### NFQ Level 8:

- Certificate in Medical Technology Regulatory Affairs and Operations
- Diploma in Automation and Control
- Diploma in Corporate Environmental Planning
- Diploma in Medical Device Science
- Diploma in Software Engineering

#### NFQ Level 9:

- Postgraduate Certificate in Creative Arts Management
- MSc Ag Innovation
- MA in Digital Art, Design, and Cultures

As a further effort to enhance access and participation opportunities for unemployed and low-income groups, University of Galway has approved a **Scholarship Scheme** to reduce fees for applicants in receipt of Jobseeker's Benefit, Jobseeker's Allowance, Carer's Allowance, One-Parent Family Payment, Disability Allowance, Community Employment Scheme, or Social Insurance Contribution Credits, who wish to enrol for part-time degree, diploma or master's courses provided by the university and meet Department of Social Protection income thresholds. Find out more at [www.universityofgalway.ie/adult-learning/faqs/fees-funding-&-scholarships](http://www.universityofgalway.ie/adult-learning/faqs/fees-funding-&-scholarships).

## Education Loans

All of the main high street banks and credit unions offer student education loans, usually offering low interest rates and/or deferred repayment terms. Consult their various websites for more information.



# International Postgraduates



International students make up 21% of students at University of Galway.

We welcome applications from international students for postgraduate degree programmes across a wide range of disciplines. International students make up 21% of students at University of Galway, and we also have a large number of international faculty and researchers from around the world.

The university campus is a 10-minute walk from the centre of Galway, one of Ireland's most popular destinations for international visitors and students alike, and a place that offers a safe and culturally vibrant environment where you can easily feel at home.

## Postgraduate Programmes

There are a number of different levels of postgraduate degree programmes in the Irish higher education system. The most common levels for global students studying in Ireland are master's and doctoral (PhD) programmes.

Taught Master's	Research Master's	PhD (NFQ Level 10)
Taught master's degrees normally last one or two years and consist of classes, seminars, coursework, and a major project or a written dissertation. Entry to a taught master's is usually open to applicants holding an honours-level bachelor's degree or an equivalent international qualification.	Research master's degrees usually last a minimum of two years and involve working on a research project under faculty supervision and the submission of a thesis. Entry to a research master's is usually open to applicants holding an honours-level bachelor's degree or an equivalent international qualification. Structured master's programmes are also available; these usually comprise one semester taught and two semesters research and can be of one's year duration.	PhD degree programmes involve carrying out research under faculty supervision, usually for a period of four years, and the submission of a thesis. Structured PhD programmes also include a significant amount of professional and general skills training in addition to research.

## International Entry Requirements

Entry requirements vary by programme. Most master's programmes are specialised and therefore may require students to have studied a relevant subject at undergraduate level. Some programmes, however, are open to students from different disciplines who are looking to study new subjects at postgraduate level. We have many years' experience assessing qualifications from different countries around the world. If you are unsure how your academic qualifications compare to the Irish system, please consult this website for our country-specific guide: [www.universityofgalway.ie/international-students/studyinireland/country.html](http://www.universityofgalway.ie/international-students/studyinireland/country.html)

## English Language Requirements

All applicants whose first language is not English must present one of the following qualifications in the English language.

Subject*	Exit Requirement	Cambridge C1 Advanced (CAE)	Cambridge C2 Advanced (CPE)	TOEFL iBT/ TOEFL iBT Home Edition	Pearson PTE	Duolingo
Arts/ Business/ Law	Successful completion of all course modules with a minimum average exit grade of <b>70%</b>	<b>176</b> overall	<b>180</b> overall	<b>88 overall</b> 7–11 Listening 16–17 Speaking 18–20 Writing 8–12 Reading	<b>61</b> overall, no less than 48 in any one component.	<b>110</b>
Science/ Engineering	Successful completion of all course modules with a minimum average exit grade of <b>70%</b>	<b>176</b> overall	<b>180</b> overall	<b>88 overall</b> 7–11 Listening 16–17 Speaking 18–20 Writing 8–12 Reading	<b>61</b> overall, no less than 48 in any one component.	<b>110</b>
Medicine (This requirement applies to incoming first-year students only)	Successful completion of all course modules with a minimum average exit grade of <b>70%</b>	<b>176</b> overall	<b>180</b> overall	<b>88 overall</b> 20–23 Listening 20–22 Speaking 24–26 Writing 19–23 Reading	<b>61</b> overall, no less than 61 in any one component.	<b>110</b>
English Language Centre	Entry Requirements					
10-Week English for Academic Purpose (EAP) Programme	<b>6.0</b> overall with no less than <b>5.5</b> in any one component					
25-week Pre-Master's English Language Pathway	<b>5.5</b> overall where a score of <b>5.0</b> is permitted in one component band only and where all other bands must be a minimum of band <b>5.5</b> or higher.					
Upon successful completion of pre-sessional and pathway courses and having reached the exit requirement of 70%, students can transition into their postgraduate degree programme.						

The English Language Centre also offers a 4-week English for Academic Purposes (EAP) Programme to all students who wish to undertake language and academic skills preparation prior to starting their postgraduate programme. Please contact the English Language Centre for further information: [englishlanguage@universityofgalway.ie](mailto:englishlanguage@universityofgalway.ie)



## How to Apply

Global students apply for postgraduate programmes the same way as all other students, normally via [www.universityofgalway.ie/apply](http://www.universityofgalway.ie/apply) (see page 312 for more information).

## Tuition Fees

Global students from within the European Union/European Economic Area (EU/EEA) pay the same EU tuition fees as students from Ireland. Students from outside the EU/EEA are charged the full economic fees. Please refer to page 316 for further information.

## Immigration Regulations

Non-EU/EEA students who require a student visa should apply to the Irish Naturalisation and Immigration Service at least three months before they are due to commence their programme, or as soon as they receive their Letter of Acceptance from University of Galway. All non-EU/EEA nationals are subject to immigration control at the point of entry to Ireland. You therefore should ensure that you have your University of Galway offer letter available to show to immigration officials to prove that you are entering the state with the intention of pursuing a course of study in Ireland. Your passport will then be stamped, noting your reason for entering the state, which is to study. All non-EU/EEA citizens are also required to register with the Garda National Immigration Bureau (GNIB) within 30 days of arriving in Ireland. Upon arrival at University of Galway, students will receive further information from the International Affairs Office. For more information, please visit the 'Pre-Arrival' section of the university website: [www.universityofgalway.ie/international-students/offerholders/internationalguide/](http://www.universityofgalway.ie/international-students/offerholders/internationalguide/)

## Postgraduate Permit Scheme



The Irish Government has extended the Third Level Graduate Scheme for non-EU/EEA students at Level 9 and above of the National Framework of Qualifications. The scheme allows legally resident Irish-educated non-EU/EEA graduates who hold an award from a recognised Irish awarding body to remain in Ireland after their studies. The new permission will double the 'stay back option' for master's and PhD students from 12 months to 24 months (two years).

## Cost of Living



The cost of living in Galway is significantly cheaper than in Dublin city. University of Galway is located right in the heart of the city and therefore transport costs are kept to a minimum. More information on the cost of living can be found at [www.universityofgalway.ie/international-students/studyinireland/feesfinance/](http://www.universityofgalway.ie/international-students/studyinireland/feesfinance/)



## Getting Here

Most global students arrive in Ireland at one of the two main international airports: Dublin Airport or Shannon Airport. Dublin Airport is approximately 200 km from Galway. Two bus operators, Citylink and GoBus, provide hourly bus departures from outside the main airport terminal building directly to Galway (three hours). Shannon Airport is approximately 85 km from Galway and is a popular option for students arriving from North America. Bus Éireann operates a regular service from outside the terminal building to Galway (90 minutes). Ireland West Airport Knock is 70 km north of Galway and offers connections to some UK and European hubs. Irish Rail provides a train service from Dublin to Galway. The Galway train station (Ceannt Station) is located just off Eyre Square in the city centre and is a 15-minute walk from the University of Galway campus.

## Accommodation

There are a number of different accommodation options available to students every year. There are two student residences on campus and there are also eight privately owned student residences located off campus but within easy reach of the university. There is limited availability in student residences; visit [www.universityofgalway.ie/student-life/accommodation](http://www.universityofgalway.ie/student-life/accommodation) for more information. The University of Galway student residences provide self-catering housing for students. Most student

residences provide designated rooms for postgraduate students and are ideal for global students travelling to Galway on their own or who are not experienced in renting private accommodation. The majority of postgraduate students live in private off-campus accommodation, such as shared apartments or houses, often with other students. Students opting for private accommodation rather than a student residence are advised to arrive in Galway at least two weeks prior to the start of term to look for accommodation in the private rented sector. Temporary accommodation can be arranged in one of Galway's youth hostels or Bed and Breakfast (guesthouse) establishments.

## Support Services for Global Students

University of Galway provides a comprehensive advisory and support service for global students to help with adjustment problems.

## International Student Orientation

Global Galway organises a comprehensive orientation programme for all new global students at the beginning of term. Orientation includes campus tours and library tours, as well as an introduction to the wide range of support services that are available to all students at University of Galway. These include campus services and facilities, accommodation, health, disability support, and student counselling and chaplaincy, as well as student sports clubs and societies. Representatives of the Garda National Immigration Bureau (GNIB) also attend to advise non-EU students on registration with the local immigration office.

## In Your Country

Staff from Global Galway regularly travel to countries around the world to develop partnerships with international universities, attend education fairs and exhibitions, and advise students on applying to the university. We also have a network of representatives and alumni in many countries, including the United States, India, and China, who are available to advise students thinking about studying at University of Galway.

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For more information, please contact:

Global Galway, University of Galway,  
7 Distillery Road, Galway, Ireland  
[www.universityofgalway.ie/international](http://www.universityofgalway.ie/international)  
E: [international@universityofgalway.ie](mailto:international@universityofgalway.ie)  
T: +353 91 495 277 F: + 353 91 495 551

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# Learning at University of Galway

## University of Galway Library

The library offers a wide range of quality and innovative services to help you navigate your personal student journey. Library staff are committed to supporting excellence in teaching, learning, and research. Adjacent to the library is the Hardiman Research Building. This building facilitates knowledge generation and fosters collaboration in a flexible space dedicated to research.

There are nearly 2,000 study spaces in the library, most equipped with sockets, and WiFi is available throughout.

## New Library/Learning Commons

The university has commenced a major development project to design and create a new state-of-the-art Library and Learning Commons. The new library will be a technology-rich environment where students can collaborate, communicate, and learn in an interactive fashion. Design is underway and the new library should open in 2026.

## Information Resources

The library provides access to over 530,000 print books, 500,000 e-books, and 200,000 e-journals, covering all disciplines of research in University of Galway. There is an extensive collection of unique archives in areas such as history, literature, politics, and theatre. Our Special Collections include wonderful collections of rare and local books, maps, and newspapers.

## Help and Support

Whether online or in person, library staff will be delighted to give you any assistance you need to find your way around our collections, whether print or online.

The Research and Learning team consists of **Academic Skills Librarians, Academic Skills Assistants, Research Services Librarian, Open Scholarship Librarian, Special Collections** staff and **Archivists**. They offer training and skills programmes to students, staff, and researchers.

The **Academic Skills Librarians** offer a suite of generic training sessions at both introductory and advanced levels. The **Academic Skills Team** offers an enquiry service both online and face to face.

The **Research Services Librarian** provides advice on starting your research, literature reviews, managing references, keeping up to date, and getting published.

The **Open Scholarship Librarian** provides advice and support to enable researchers and students to develop open scholarship practices and to maximise opportunities in the evolving scholarly communications environment.

The **Digital Publishing and Data Management Librarian** provides advice and support related to the university's institutional repository and open access publishing. ARAN—Access to Research at University of Galway—is University of Galway's institutional repository. Advice is also available on submitting your PhD thesis to ARAN, managing research data, and data management plans, as well as using publication identifiers (Digital Object Identifiers [DOIs] and ISBNs).

The **Archivists and Special Collections Librarian** provides one-to-one support in making the best use of our Special Collections and provides training to make the most of our Archival Collections.

The **Academic Writing Centre** provides one-to-one support and assistance with academic writing. The **Library and IT Service Desk** will help you make the most of both library and IT services.

[library.universityofgalway.ie](http://library.universityofgalway.ie)  
[library@universityofgalway.ie](mailto:library@universityofgalway.ie)



## A Rich Archive Collection

The archive of the James Hardiman Library is comprised of over 400 unique collections, ranging in size from one postcard to 300 boxes of material and dating from 1485 to the present. Archives offer a major research resource for researchers working on the literary, social, economic, political, and cultural life of Ireland. They contain centuries of primary source data, evidence, and recorded experience. Subject strengths of University of Galway's archives include Irish theatre and literature, the Irish language, the landscape and history of the west of Ireland, and politics, including a significant collection on the North of Ireland.

Among our collections are the archives of Thomas Kilroy, John McGahern, the Druid Theatre, Taibhdhearc na Gaillimhe, the Belfast Lyric Player's Theatre/O'Malley Collection, Galway International Arts Festival, and, available digitally, the Abbey Theatre and Gate Theatre archives. University of Galway is also home to the papers and recordings of director, writer, and actor John Huston; these offer a unique insight into the prolific intersection of Irish literature and American cinema. The Éamonn de Builéar multimedia archive collection spans over 60 years of the career of the renowned filmmaker and environmentalist. This archive documents Irish wildlife and includes original recordings and unique insights into the revival of Irish traditional music in the twentieth century. In 2017, we received the archive of Conradh na Gaeilge. Other major electronic historical databases include that of the Landed Estates of Munster, c. 1700–1900.

The library's world-class facilities, including reading room and dedicated exhibition space, make it a dynamic hub for learning and for showcasing innovation. Our archives catalogue can be searched at <http://archivesearch.library.universityofgalway.ie>. Digital Archives can be viewed at <https://digital.library.universityofgalway.ie>

## Digital Publishing

Library digital publishing helps you publish your research to a worldwide audience. We help staff, students, and researchers to publish original institutional publications in an open and digital way. We focus on publishing unique content with international impact. The main content types we help you publish are research publications and open teaching resources. We also publish unique primary research material of value that University of Galway holds in the form of archives and special collections.

For more information on Digital Publishing in the library, visit [www.hardimanlibrary.blogspot.com/2022/01/service-of-month-digital-publishing.html](http://www.hardimanlibrary.blogspot.com/2022/01/service-of-month-digital-publishing.html)

## MakerSpace

The MakerSpace in the library is a place to imagine, learn, fail, make, and remake. The MakerSpace is open to all students and provides an environment to unleash your practical creativity. It contains 3D Printers, Arduinos, Raspberry Pis, drones, virtual reality technologies, and a suite of PCs and Apple computers outfitted with design software. We also provide training sessions on the software and technologies available in the MakerSpace. Learn more at [library.universityofgalway.ie/makerspace](http://library.universityofgalway.ie/makerspace). We are all makers.



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## Postgraduate Services Available Include:

- Publication and discovery services for your completed research.
- Management and hosting of your completed research data.
- Subscription to identifier services for you, your publications, and your data via ORCID, Digital Object Identifiers (DOIs), handles and DataCite DOIs.
- Digitisation services, including high-quality self-service facilities and mediated facilities for mass digitisation, for appropriately funded projects.
- Long-term preservation services for appropriately funded projects.
- Metadata services for description, discovery, and linking of digital materials, as well as help with text processing, data transformation, optical character recognition (OCR) and related technologies.

# IdeasLab

accelerating your ideas



## IdeasLab works with enterprise partners across Galway to give students unique and innovative opportunities during their time at University of Galway

IdeasLab is open to all University of Galway students, offering a place at the heart of campus to develop innovation skills and accelerate ideas. Students have the opportunity to take part in Enterprise Challenges working to solve global problems with our enterprise partners, to work as part of the team as a paid IdeasLab Intern, to be mentored by our expert team and alumni mentors, or to take part in our student incubator Start100. If you want to meet new people, develop skills, work to solve global challenges or set up a new business, IdeasLab is the place to start.

Central to our programmes is a new state-of-the-art empathy lab. The empathy lab is an environment through which our students walk in the shoes of those that we are innovating for and with, to drive action and support the creation of products and services that are fit for purpose. The lab utilises a multidimensional approach to experiences that includes virtual, augmented reality and person simulation.

### Enterprise Challenges

During this seven-week programme, students work in teams to solve challenges experienced by our enterprise partners including Aerogen, Boston Scientific, Galway International Arts Festival, Medtronic and SAP. Challenges change each semester and include topics such as the future of festivals, sustainability, and health. Students receive training in team building, design thinking, business modelling, and storytelling. Each team will also visit and receive mentorship from our enterprise partners.

### Start100

Start100 is a summer student incubator open to students from all courses with an early-stage

idea. By taking part, students have access to a dedicated workspace, funding, mentorship and networks of alumni, partners, and investors. Successful projects receive €4,000 funding to support the development of their idea.

### Internship

The IdeasLab Internships run over eight weeks each semester. This paid internship gives students the chance to broaden their skillset, build their network and connect with students from across campus. Interns work directly with the IdeasLab team on student focused campaigns and events where they can directly support their peers.

### Mentorship

IdeasLab can pair students with mentors from our team of on-campus experts, our alumni or our enterprise partners to help them to develop their ideas—giving students invaluable access to advice and guidance from experts in their fields.

Our industry partners include Aerogen, Medtronic, Boston Scientific, Mbrionics, Galway International Arts Festival, Veryan, SAP, Rent the Runway and Channel Mechanics.

IdeasLab is part of a larger transformative University-wide project—Designing Futures

Designing Futures is funded under the Human Capital Initiative [www.hea.ie/skillsengagement/human-capital-initiative/](http://www.hea.ie/skillsengagement/human-capital-initiative/)

Take your first step toward your successful future with us.

Connect with us on Twitter, Instagram, and LinkedIn.



# General Index

	PAGE
Alumni	315
Apoptosis Research Centre (ARC)	276
Apply, how to	301, 312
Archives, Library	273
Biomechanics Research Centre (BioMEC)	277
Blood Cancer Network Ireland (BCNI)	276
Breast Cancer Research Institute	276
Campus	34
Careers	32
Centre for Astronomy	283
Centre for Cell Manufacturing Ireland (CCMI)	291
Centre for Chromosome Biology	276
Centre for Climate and Air Pollution Studies	287, 292
Centre for Clinical Health Services Research and Development (CCHSRD)	277
Centre for Disability Law and Policy	266
Centre for Drama, Theatre and Performance	272
Centre for Irish Studies	273
Centre for One Health (CoH)	288
Centre for Pain Research (CPR)	278
Closing dates	312, 313
Commercialising your research	308
Conversion Courses	335
Centre for Ocean Research & Exploration	287
CÚRAM	278
Data Science Institute (DSI)	282
De Brún Centre for Mathematics	283
Employment	32
Energy Research Centre (ERC)	287
Enhancing policy and society	262
Enriching creativity and culture	268
Excellence, one of our strategic priorities	24
Fees, Postgraduate	314
Flexible, online programmes	18, 334
Find a supervisor/PhD project	302
Foreword	2
Funding, scholarships	36, 304, 337
Galway	16
Galway Neuroscience Centre	278
Garda vetting/police clearance	313
Global education	14
Global Galway	14
Glycoscience Research Group	276
Hardiman Research Building	293
Hardiman Research Scholarships	307
Health Promotion Research Centre	266
HRB Primary Clinical Care Trials Network Ireland	279
How to apply	301, 312
iCRAG Galway, SFI Centre	287
IdeasLab	324
Immigration, registration with Irish immigration service	320
Improving health and well-being	274

	PAGE
Innovation Office	309
Institute for Lifecourse and Society (ILAS)	265
International postgraduates	318
Introduction to postgraduate study	1
Investing in your future, our growing campus	34
Irish Centre for High-End Computing	282
Irish Centre for Human Rights	266
Irish Centre for Social Gerontology	265
James Hardiman Library	322
Library (James Hardiman Library)	322
MaREI Galway	287
Meet us	336
Moore Institute	271
Nanoscale Biophotonics Laboratory (NBL)	282
National Centre for Laser Application (NCLA)	283
Neuroimaging and Cognitive Genomics, Centre for	278
Online programmes	18, 334
Openness, one of our strategic priorities	10
Plant & AgriBiosciences Research Centre (PABC)	288
Police clearance/garda vetting	313
President's Foreword	2
Prostate Cancer Institute (PCI)	276
Purpose, People, Place	8
Rankings	30
Realising potential through data and enabling technologies	280
Recognition of Prior Learning	313
Regenerative Medicine Institute (REMEDI)	278
Research application process	301
Research Institutes & Centres	291
Research Programmes, and Programme Listings	294, 297
Research Studies	260
Respect, one of our strategic priorities	4
Ryan Institute, The	286
Purpose, People, Place	8
Scholarships	36, 304, 337
Societies	315
Sports	28
Stokes Applied Maths Cluster	283
Student support and resources	315
Students Union (SU)	315
Sustainability, one of our strategic priorities	20
Sustaining our planet and people	284
UNESCO Child and Family Research Centre	265
What's next?	311
Whitaker Institute	265



# Index of Taught Programmes by College/School

Acadamh na hOllscolaíochta Gaeilge	
Aistriúchán Closamhairc	57
Ateangaireacht Chomhdhála	58
Conference Interpreting	59
Cleachtas Gairmiúil sna Meáin	60
Gaeilge Fheidhmeach	61
Léann an Aistriúcháin	62
Léann Teanga	63

College of Arts, Social Sciences, and Celtic Studies	
Burren College of Art (BCA)	
Art and Ecology	94
Fine Art	95
Fine Art: Studio Art	96
School of Education	
Education (Professional Master of, [Post-Primary])	42
Education Leadership	43
Education (Special and Inclusive Education)	44
Education Studies	45
Oideachas (Máistir Gairmiúil san, [Iar-bhunscóil])	46
Special Educational Needs	47
School of English and Creative Arts	
Creative Arts Management	70
Digital Art, Design and Cultures	71
Drama and Theatre Studies	72
English	77
Film Studies: Theory and Practice	76
Irish Theatre History and Archives	73
Literature and Publishing	78
Playwriting & Dramaturgy	74
Public Advocacy and Activism	93
Theatre Practice and Production	75
Writing	82
School of Geography, Archaeology and Irish Studies	
Archaeology	64
Coastal & Marine Environments: Physical Processes, Policy & Practice	65
Environment, Society and Development	66
Irish Studies—Literature and History	84
Landscape, Archaeology and Heritage	67
Rural Futures: Planning and Innovation	68

School of History and Philosophy	
History	86
Philosophy	88
School of Languages, Literatures and Cultures	
Advanced Language Skills: French, German, Italian or Spanish	48
Classics	51
French	52
German	53
International Contemporary Literatures and Media	56
Languages with Business	49
Nua-Ghaeilge	50
Old and Middle Irish	85
Spanish	54
Translation Studies	55
School of Political Science and Sociology	
Child, Youth and Community	105
Family Support Studies	106
Global Media and Communication	80
Gender, Globalisation and Rights	89
Journalism	79
Politics and Sociology	90
Public Policy	92
Social Work	107
Social Work, Practice Teaching, Supervision & Management	108
School of Psychology	
Applied Behaviour Analysis	97
Clinical Neuroscience	98
Clinical Psychology	99
Clinical Psychology (for Qualified Clinicians)	100
Consumer Psychology	101
Health Psychology	102
Psychology (HDip—Conversion)	103
Psychology (HDip—Full)	104
Interdisciplinary	
Adolescent Health	109
International Development Practice	69

College of Business, Public Policy and Law	
J.E. Cairnes School of Business & Economics	
Accounting	115
Ageing and Public Policy	125
Business Analytics	131
Business Information Systems	132
Business Studies	114
Corporate Finance	118
Cybersecurity Risk Management	124
Digital Marketing	136
Digital Transformation	133
Economic Science	126
Financial Analysis	119
Global Environmental Economics	127
Health Economics	128
Human Resource Management	122
Information Systems Management	130
International Accounting and Analytics (Pathway A)	116
International Accounting and Analytics (Pathway B)	117
International Finance	129
International Management	121
International Marketing and Entrepreneurship	134
Marketing Management	137
Marketing Practice	138
Master of Business Administration (MBA)	120
Strategy, Innovation and People Management	123
Shannon College of Hotel Management	
Business and Hospitality	139
Global Hospitality Management and Intercultural Communication	140
Hospitality and Leadership	141
Hospitality Management	142
Hospitality Performance, Revenue and Asset Management	144
School of Law	
International and Comparative Business Law	145
International and Comparative Disability Law and Policy	146
International Criminal Law	147
International Migration and Refugee Law and Policy	148
International Human Rights	149
Peace Operations, Humanitarian Law & Conflict	150
LLB	151
LLM (General)	152

College of Medicine, Nursing & Health Sciences	
School of Health Sciences	
Advanced Healthcare Practice & Research	158
Applied Multilingualism	159
Childhood Speech, Language and Communication Needs	160
Health Promotion (Cardiovascular Health & Type 2 Diabetes Prevention)	161
Health Promotion (Workplace Wellness)	162
Health Promotion	163
Mental Health Promotion	164
School of Medicine	
Cellular Manufacturing and Therapy	165
Cheminformatics and Toxicology	166
Clinical Education	167
Clinical Research	168
Exercise Physiology and its Application in Therapy	169
Exercise Physiology and Rehabilitation	170
Healthcare Simulation and Patient Safety	171
Interventional Cardiovascular Medicine	172
Multidisciplinary Radiology	174
<i>Preventive Medicine and Cardiovascular Health Suite:</i>	
<i>Cardiac Rehabilitation</i>	175
<i>Cardiovascular and Pulmonary Rehabilitation</i>	176
<i>Diabetes</i>	177
<i>Diabetes Professional Credit Award</i>	178
<i>Obesity</i>	179
<i>Preventive Cardiology</i>	180
Regenerative Medicine	181
Surgery	182
School of Nursing and Midwifery	
Nursing: Acute Medicine	183
Midwifery: Advanced Practice Midwifery	184
Nursing: Advanced Practice Nursing	185
Nursing: Children's Palliative Care/ Complex Care	186
Nursing: Diabetes	187
Nursing: Education	188
Nursing: Emergency Care	189
Nursing: Gerontology	190
Nursing: Intensive Care	192
Nursing: Midwifery	191
Nursing: Nurse/Midwife Prescribing	194
Nursing Education	195
Nursing: Obesity	196
Nursing: Oncology and Haematology	197
Nursing: Perioperative	198
Nursing: Public Health Nursing	199
Wound Healing and Tissue Repair	200

<b>College of Science and Engineering</b>		Occupational Health and Safety Top-Up	231
<b>Computer Science and Software Engineering</b>		<b>Entrepreneurship and Innovation</b>	
Cloud Computing and Software Development	206	AgInnovation	232
Cybersecurity and Software Development	207	Bioinnovation (MSc)	233
Computer Science—Artificial Intelligence	208	Bioinnovation (PDip)	234
Computer Science—Artificial Intelligence (online, part-time)	209	TechInnovation	235
Computer Science—Artificial Intelligence for Managers	210	<b>Life and Biomedical Sciences, Cancer Research, and Chemistry</b>	
Computer Science—Data Analytics	211	Biomedical Science	236
Data Analytics and Visualisation	212	Biotechnology	237
Software Design and Development (HDip)	213	Chemistry Research	238
Software Design and Development (MSc)	214	Neuropharmacology	239
Software Design and Development (External Stream)	215	Toxicology	240
Software Engineering (Diploma)	216	<b>Mathematics, Bioinformatics and Computational Genomics</b>	
Software Engineering and Database Technologies (MSc)	217	Applied Mathematics	241
<b>Engineering, Physics, and Enabling Technologies</b>		Biomedical Genomics	242
Astronomical Instrumentation & Technology	218	Genomics Data Science	243
Biomedical Engineering (ME)	219	Health Data Science	244
Biomedical Engineering (MSc)	220	Mathematics	245
Civil Engineering (ME)	221	<b>Medical Technology Regulation and Quality Assurance</b>	
Electrical and Electronic Engineering	222	Medical Technologies Regulatory Affairs & Quality (Cert.)	246
Electronic and Computer Engineering	223	Medical Technologies Regulatory Affairs and Operations (Cert.)	247
Energy Systems Engineering	224	Medical Technology Regulatory Affairs (MSc)	248
Enterprise Systems	225	Medical Technology Regulatory Affairs and Quality (HDip)	249
Key Enabling Technologies	226	<b>Science of Sustainability</b>	
Mechanical Engineering (ME)	227	AgriBiosciences	250
Mechanical Engineering (MSc)	228	Agrifood Sustainability and Technology	251
Medical Physics	229	Biodiversity & Land Use Planning	252
Occupational and Environmental Health & Safety	230	Climate Change, Agriculture and Food Security	253
		Environmental Leadership	254
		Marine & Freshwater Resources: Management	256
		Ocean, Atmosphere and Climate	257
		Sustainable Environments	258
		Sustainable Resource Management: Policy & Practice	259

# Courses/Programmes

(alphabetical order)

TAUGHT COURSES	PAGE
Accounting	115
Adolescent Health	109
Advanced Healthcare Practice & Research	158
Advanced Language Skills: French, German, Italian or Spanish	48
Ageing and Public Policy	125
AgInnovation	232
AgriBiosciences	250
AgriFood Sustainability and Technology	251
Aistriúchán Clossamhairc	57
Applied Behaviour Analysis	97
Applied Mathematics	241
Applied Multilingualism	159
Archaeology	64
Art and Ecology	94
Astronomical Instrumentation and Technology	218
Ateangaireacht Chomhdhála	58
Biodiversity & Land Use Planning	252
Bioinnovation (MSc)	233
Bioinnovation (PDip)	234
Biomedical Engineering (ME)	219
Biomedical Engineering (MSc)	220
Biomedical Genomics	242
Biomedical Science	236
Biotechnology	237
Business Analytics	131
Business and Hospitality	139
Business Information Systems	132
Business Studies	114
Cardiac Rehabilitation (PgCert)	175
Cardiovascular and Pulmonary Rehabilitation (MSc)	176
Cellular Manufacturing and Therapy	165
Cheminformatics and Toxicology	166
Chemistry Research	238
Child, Youth and Community	105
Childhood Speech, Language and Communication Needs	160
Civil Engineering	221
Classics	51
Cleachtas Gairmiúil sna Meáin	60
Climate Change, Agriculture and Food Security	253
Clinical Education	167
Clinical Neuroscience	98
Clinical Psychology	99
Clinical Psychology (for Qualified Clinicians)	100
Clinical Research	168
Cloud Computing & Software Development	206
Coastal & Marine Environments: Physical Processes, Policy & Practice	65
Computer Science–Artificial Intelligence	208
Computer Science–Artificial Intelligence (online, part-time)	209
Computer Science–Artificial Intelligence for Managers	210
Computer Science–Data Analytics	211
Conference Interpreting	59
Consumer Psychology	101
Corporate Finance	118
Creative Arts Management	70
Cybersecurity and Software Development	207
Cybersecurity Risk Management	124
Data Analytics and Visualisation	212
Diabetes (MSc)	177
Diabetes (Professional Credit Award)	178
Digital Art, Design and Cultures	71
Digital Marketing	136
Digital Transformation	133
Drama and Theatre Studies	72
Economic Science	126
Education (PME)	42
Education (Special and Inclusive Education)	44
Education Leadership	43
Education Studies	45
Electrical and Electronic Engineering	222
Electronic and Computer Engineering	223
Energy Systems Engineering	224
English	77
Enterprise Systems	225
Environment, Society and Development	66
Environmental Leadership	254
Exercise Physiology and its Application in Therapy	169
Exercise Physiology and Rehabilitation	170
Family Support Studies	106
Film Studies: Theory and Practice	76
Financial Analysis	119
Fine Art	95
Fine Art: Studio Art	96
French	52
Gaeilge Fheidhmeach	61
Gender, Globalisation and Rights	89
Genomics Data Science	243
German	53
Global Environmental Economics	127
Global Hospitality Management and Intercultural Communication	140
Global Media and Communication	80
Health Data Science	244
Health Economics	128
Health Promotion	163
Health Promotion (Cardiovascular Health & Type 2 Diabetes Prevention)	161



Health Promotion (Workplace Wellness)	162	Multidisciplinary Radiology	174
Health Psychology	102	Neuropharmacology	239
Healthcare Simulation and Patient Safety	171	Nua-Ghaeilge	50
History	86	Nursing Education	195
Hospitality and Leadership	141	Nursing: Acute Medicine	183
Hospitality Management	142	Nursing: Advanced Practice Nursing	185
Hospitality Performance, Revenue and Asset Management	144	Nursing: Children's Palliative Care/Complex Care	186
Human Resource Management	122	Nursing: Diabetes	187
Information Systems Management	130	Nursing: Education	188
International Accounting and Analytics (Pathway A)	116	Nursing: Emergency Care	189
International Accounting and Analytics (Pathway B)	117	Nursing: Gerontology	190
International and Comparative Business Law	145	Nursing: Intensive Care	192
International and Comparative Disability Law and Policy	146	Nursing: Midwifery	191
International Contemporary Literatures and Media	56	Nursing: Nurse/Midwife Prescribing	194
International Criminal Law	147	Nursing: Obesity	196
International Development Practice	69	Nursing: Oncology and Haematology	197
International Finance	129	Nursing: Perioperative	198
International Human Rights	149	Nursing: Public Health Nursing	199
International Management	121	Obesity (MSc)	179
International Marketing and Entrepreneurship	134	Occupational & Environmental Health & Safety	230
International Migration and Refugee Law and Policy	148	Occupational Health and Safety Top-Up	231
Interventional Cardiovascular Medicine	172	Ocean, Atmosphere and Climate	257
Irish Studies—Literature and History	84	Oideachas (Máistir Gairmiúil san, [Iarbhunscoil])	46
Irish Theatre History and Archives	73	Old and Middle Irish	85
Journalism	79	Peace Operations, Humanitarian Law & Conflict	150
Key Enabling Technologies	226	Philosophy	88
Landscape, Archaeology and Heritage	67	Playwriting and Dramaturgy	74
Languages with Business	49	Politics and Sociology	90
Léann an Aistriúcháin	62	Preventive Cardiology (MSc)	180
Léann Teanga	63	Psychology (HDip—Conversion)	103
Literature and Publishing	78	Psychology (HDip—Full)	104
LLB (Bachelor of Laws)	151	Public Advocacy and Activism	93
LLM (General)	152	Public Policy	92
Marine & Freshwater Resources: Management	256	Regenerative Medicine	181
Marketing Management	137	Rural Futures Planning and Innovation	68
Marketing Practice	138	Social Work	107
Master of Business Administration (MBA)	120	Social Work, Practice Teaching, Supervision and Management	108
Mathematics	245	Software Design and Development (HDip) & (MSc)	213, 214
Mechanical Engineering (ME)	227	Software Design and Development (MSc External Stream)	215
Mechanical Engineering (MSc)	228	Software Engineering	216
Medical Physics	229	Software Eng. & Database Technologies	217
Medical Technologies Regulatory Affairs & Quality (Cert.)	246	Spanish	54
Medical Technologies Regulatory Affairs and Operations (Cert.)	247	Special Educational Needs	47
Medical Technology Regulatory Affairs (MSc)	248	Strategy, Innovation & People Management	123
Medical Technology Regulatory Affairs and Quality (HDip)	249	Surgery	182
Medieval and Antiquity	87	Sustainable Environments	258
Mental Health Promotion	164	Sustainable Resource Management: Policy & Practice	259
Midwifery: Advanced Practice Midwifery	184	Techinnovation	235
		Theatre Practice and Production	75
		Toxicology	240
		Translation Studies	55

Wound Healing and Tissue Repair	200
Writing	828

RESEARCH PROGRAMMES	PAGE
Accounting	297
Agribiosciences	297
Anaesthesia	297
Anatomy	297
Applied Behaviour Analysis	297
Applied Mathematics	297
Archaeology	297
Bacteriology	297
Biochemistry & Chromosome Biology	297
Bioinformatics	297
Bioinnovate, Bioinnovation	297
Biomedical Engineering	297
Biomedical Engineering and Regenerative Medicine (BMERM)	297
Biomedical Engineering Science	297
Biomedical Science & Engineering	297
Biostatistics	297
Botany/Plant Science	297
Business Information Systems	297
Business, Public Policy and Law	297
Cellular and Molecular Biology	297
Celtic Studies/ Léann Ceilteach	297
Centre for Excellence in Teaching and Learning (CELT)	297
Chemistry	297
Child and Youth Research	297
Children's Studies	297
Civil Engineering	297
Classics	297
Cloud Computing Research	297
Commerce	297
Computer Science	297
Digital Arts and Humanities	297
Disability Law & Policy	297
Drama and Theatre Studies	298
Earth and Ocean Sciences	298
Economics	298
Education	298
Electrical and Electronic Engineering	298
English	298
Environmental Science	298
Film Studies	298
General Practice	298
Geography	298
Global Women's Studies	298
Health Promotion	298
Health Psychology Practice	298
History	298
Human Rights	298

Industrial Engineering	298
Insight Centre for Data Analytics [Engineering]	298
Insight Centre for Data Analytics [Science]	298
International Cultural Studies	298
Irish Studies	298
Italian	298
Key Enabling Technologies	298
Language Science	300
Latin American Studies	298
Law	298
Management	298
Marine Sciences	298
Marketing	298
Mathematics	298
Mechanical Engineering	298
Medicine	298
Microbiology	298
Nua-Ghaeilge	298
Nursing & Midwifery	298
Obstetrics and Gynaecology	298
Occupational and Environmental Exposure Science	299
Occupational Therapy	299
Old and Middle Irish	299
Paediatrics	299
Pathology	299
Perception, Cognition and Action	299
Pharmacology and Therapeutics	299
Philosophy	299
Physics	299
Physiology	299
Plant Agribiosciences	299
Podiatric Medicine	299
Political Science and Sociology	299
Population Health Health Science Research	299
Psychiatry	299
Psychology	299
Psychology and Health	299
Radiology	299
REMEDI	299
Ryan Institute [Science]	299
Sociology & Politics	299
Spanish Studies	299
Specialist Nursing	299
Speech and Language Therapy (PhD)	299
Statistics	299
Studio Art	299
Surgery	299
TechInnovation	299
Women's Studies	299
Zoology	299

# Part-time courses/programmes

(by College or School, alphabetical order)

<b>COLLEGE OF ARTS, SOCIAL SCIENCES AND CELTIC STUDIES</b>	<b>PAGE</b>
Adolescent Health; 2 years, part-time	109
Archaeology; 2 years, part-time	64
Child, Youth and Community; 2 years, part-time	105
Classics; 2 years, part-time	51
Cleachtas Gairmiúil sna Meáin; 2 bhliain, páirtaimseartha	60
Clinical Psychology (for Qualified Clinicians), 3 years, part-time	100
Coastal & Marine Environments; 2 years, part-time	65
Digital Art, Design and Cultures; 2 years part-time	71
Drama and Theatre Studies; 2 years, part-time	72
Education (Special & Inclusive Education); 1 year, part-time	44
Education Leadership; 1 year, part-time	43
Education Studies; 1 year, part-time	45
English; 2 years, part-time	77
Environment, Society & Development; 2 years, part-time	66
Family Support Studies; 2 years, part-time	106
Film Studies: Theory and Practice; 2 years, part-time	76
French; 2 years, part-time	52
Gaeilge Fheidhmeach; 2 bhliain, páirtaimseartha	61
Gender, Globalisation and Rights; 2 years, part-time	89
German; 2 years, part-time	53
Health Psychology; 2 years, part-time	102
History; 2 years, part-time	86
International Contemporary Literatures & Media; 2 years, part-time	56
Journalism; 2 years, part-time	79
Landscape, Archaeology & Heritage; 2 years, part-time	67
Languages with Business; 2 years, part-time	49
Léann an Aistriúcháin; bliain amháin nó dhá bhliain; páirtaimseartha	62
Léann Teanga; 2 bhliain, páirtaimseartha	63
Nua-Ghaeilge; 2 bhliain, páirtaimseartha	50
Old & Middle Irish; 2 years, part-time	85

Philosophy; 2 years, part-time	88
Politics and Sociology; 2 years, part-time	90
Public Advocacy and Activism; 2 years, part-time	93
Public Policy; 2 years, part-time	92
Social Work, Practice Teaching, Supervision & Management; 1 year, part-time	108
Spanish; 2 years, part-time	54
Special Educational Needs; 1 year, part-time	47

<b>J.E. CAIRNES SCHOOL OF BUSINESS &amp; ECONOMICS &amp; SHANNON COLLEGE OF HOTEL MANAGEMENT</b>	<b>PAGE</b>
Ageing and Public Policy; 2 years, part-time	125
Global Environmental Economics; 2 years, part-time	127
Global Hospitality Management and Intercultural Communication; 2 years, part-time	140
Health Economics; 2 years, part-time	128
Hospitality Performance, Revenue and Asset Management; 2 years, part-time	144
International Accounting and Analysis, Pathway B; 14 months, part-time	117
Marketing Management; 2 years, part-time	137
Master of Business Administration, MBA; 2 years, part-time	120

<b>SCHOOL OF LAW</b>	<b>PAGE</b>
International and Comparative Business Law; 2 years, part-time	145
International and Comparative Disability Law and Policy; 2 years, part-time	146
International Criminal Law; 2 years, part-time	147
International Human Rights; 2 years, part-time	149
International Migration and Refugee Law and Policy; 2 years, part-time	148
LLB (Bachelor of Laws); 4 years, part-time	151
LLM (General); 2 years, part-time	152
Peace Operations, Humanitarian Law and Conflict; 2 years, part-time	150

COLLEGE OF MEDICINE, NURSING & HEALTH SCIENCES		PAGE
Advanced Healthcare Practice & Research; 2 years, part-time	158	
Applied Multilingualism; 2 years, part-time	159	
Cellular Manufacturing & Therapy 2 years, part-time (MSc, PDip); 1 year, part-time (PgCert)	165	
Childhood Speech, Language and Communication Needs; 2 years, part-time	160	
Clinical Education; 2 years, part-time (PDip); 6 weeks (stand-alone module)	167	
Clinical Research; 2 years, part-time	168	
Exercise Physiology and its Application in Therapy; 2 years, part-time	169	
Exercise Physiology and Rehabilitation; part-time option available	170	
Health Promotion (Cardiovascular Health and Type 2 Diabetes Prevention); 1 year, part-time	161	
Health Promotion (Workplace Wellness); 1 year, part-time	162	
Health Promotion; 2 years, part-time	163	
Mental Health Promotion; 1 year, part-time	164	
Midwifery: Advanced Practice Midwifery; 2 years, part-time	184	
Multidisciplinary Radiology; 2 years, part-time (MSc); 2 years, part-time (PDip)	174	
Nursing: Advanced Practice Nursing; 2 years, part-time	185	
Nursing: Nursing Education; 2 years, part-time	195	
Obesity (MSc); 2 years, part-time	179	
Surgery; 2 years, part-time	182	
COLLEGE OF SCIENCE AND ENGINEERING		PAGE
Biodiversity and Land Use Planning; 2 years, blended learning; 2–6 years, modular	252	
Cloud Computing and Software Development; 2 years, part-time	206	
Computer Science (Artificial Intelligence—online); 2 years, part-time	209	
Computer Science (Artificial Intelligence for Managers); 1 year, part-time	210	
Cybersecurity and Software Development; 2 years, part-time	207	
Enterprise Systems; 2 years, part-time	225	
Health Data Science; 2 years, part-time	244	
Medical Technologies Regulatory Affairs & Operations (Certificate); 1 year, part-time	247	
Medical Technologies Regulatory Affairs & Quality (Certificate); 1 year, part-time	246	
Medical Technology Affairs (MSc); 2 years, part-time	248	
Medical Technology Regulatory Affairs (HDip); 2 years, part-time	249	
Occupational and Environmental Health & Safety; 2 years, part-time	230	

Occupational Health and Safety (Top-Up); 1 year, part-time	231
Software Engineering; 1 year, part-time	216
Software Engineering & Database Technologies; 2 years, part-time	217





# Online and Blended Learning Courses

University of Galway has been providing part-time study opportunities for students for over 40 years. With postgraduates requiring more flexible study options, University of Galway has developed a range of online and blended learning study options in a number of subject areas to suit your professional and personal training needs.

The listing below refers to the courses available in each subject area. Check [www.universityofgalway.ie/onlinelearning](http://www.universityofgalway.ie/onlinelearning) for updates (this website also lists other online professional, part-time and evening courses, details of which are available from our Centre for Adult Learning and Professional Development).

COURSE	Page
<b>ARTS, SOCIAL SCIENCES, AND CELTIC STUDIES/An tACADAMH</b>	
Child, Youth and Community, MA	105
Cleachtas Gairmiúil sna Meáin, MA	60
Family Support Studies, MA, PDip	106
Gaeilge Fheidhmeach, Ard-Diplóma	61
Léann an Aistriúcháin, MA, Teastas Iarchéime	62
Léann Teanga, MA	63
<b>HEALTHCARE</b>	
Advanced Healthcare Practice & Research, MSc	158
Cardiac Rehabilitation, PgCert	175
Childhood Speech, Language, and Communication Needs, MSc	160
Clinical Education, Master's, PDip	167
Diabetes, Professional Credit Award	178
Exercise Physiology and its Application in Therapy, MSc, PDip	169
Exercise Physiology and Rehabilitation, MSc	170
Healthcare Simulation & Patient Safety, MSc, PDip	171
Health Promotion	163
Multidisciplinary Radiology, MSc/PDip	174
Preventive Cardiology, MSc	180
<b>INFORMATION TECHNOLOGY</b>	
AgInnovation, MSc	232
Computer Science—Artificial Intelligence for Managers, PgCert	210
Computer Science—Artificial Intelligence, MSc (online, part-time)	209
Software Engineering, Diploma	216
Software Engineering & Database Technologies, MSc	217

COURSE	Page
<b>NURSING &amp; MIDWIFERY STUDIES</b>	
Midwifery: Advanced Practice Midwifery, MSc, PDip	184
Nurse/Midwife Prescribing, Certificate	194
Nursing (Acute Medicine), MHSc, PDip	183
Nursing (Advanced Practice Nursing), MSc, PDip	185
Nursing (Children's Palliative Care), MHSc, PDip	186
Nursing (Diabetes), MHSc, PDip	187
Nursing (Education), PDip	188
Nursing (Emergency Care), MHSc, PDip	189
Nursing (Gerontology), MHSc, PDip	190
Nursing (Intensive Care), MHSc, PDip	192
Nursing (Obesity), MHSc, PDip	196
Nursing (Oncology & Haematology), MHSc, PDip	197
Nursing (Perioperative), MHSc, PDip	198
Nursing Education, Master's	195
Nursing (Public Health Nursing), MHSc, PDip	199
Wound Healing and Tissue Repair, MHSc, PDip	200
The School of Nursing and Midwifery offers a range of 10 credit modules. These modules can be undertaken as stand-alone modules (Professional Credit Awards) and can provide part credit toward specialist programmes. To discuss these options please contact Dr Duygu Sezgin: <b>T:</b> +353 91 493 344 <b>E:</b> <a href="mailto:duygu.sezgin@universityofgalway.ie">duygu.sezgin@universityofgalway.ie</a> <a href="http://www.universityofgalway.ie/pca/pca.html">www.universityofgalway.ie/pca/pca.html</a>	
<b>SCIENCE &amp; TECHNOLOGY</b>	
Biomedical Science, MSc	236
Cellular Manufacturing and Therapy, MSc, PDip, PgCert	165
Medical Technology Regulatory Affairs, MSc	248



# Conversion Courses

Graduates may be eligible for courses offered through other colleges, and do not need to concentrate their search for a programme in their own specific college. For example, an Arts graduate could choose to apply to a Law course (e.g., LLB) or a Business course

(e.g., HDip [Business Studies]). The listings below refer to the courses that are especially 'interdisciplinary' and welcome applicants from various colleges.

[www.universityofgalway.ie/conversion](http://www.universityofgalway.ie/conversion)

COURSE	Page
<b>COLLEGE OF ARTS, SOCIAL SCIENCES, AND CELTIC STUDIES/AN TACADAMH</b>	
Applied Behaviour Analysis (MSc)	97
Clinical Neuroscience (MSc)	98
Consumer Psychology (MSc)	101
Digital Art, Design and Cultures (MA)	71
Environment, Society and Development (MA)	66
Fine Art (Post Baccalaureate)	95
Irish Studies—Literature and History (MA)	84
Journalism (MA)	79
Léann an Aistriúchán (MA)	62
Psychology (Full) (HDip)	104
Public Advocacy and Activism (MA)	93
Public Policy (MA)	92
<b>COLLEGE OF BUSINESS, PUBLIC POLICY AND LAW</b>	
Business Analytics (MSc)	131
Business Information Systems (HDip)	132
Business Studies (HDip)	114
Corporate Finance (MSc)	118
Digital Marketing (MSc)	136
Digital Transformation (PDip)	133
Economic Science (HDip)	126
Financial Analysis	119
Global Environmental Economics (MSc)	127
Health Economics (MSc)	128
Human Resource Management (MSc)	122
Information Systems Management (MSc)	130
International & Comparative Disability Law & Policy (LLM)	146
International Finance (MEconSc)	129
International Human Rights (LLM)	149
International Management (MSc)	121
International Marketing & Entrepreneurship (MSc)	134
International Migration and Refugee Law and Policy (LLM)	148
LLB (Bachelor of Laws)	151
Marketing Management (MSc)	137
Master of Business Administration (MBA)	120
Peace Operations, Humanitarian Law & Conflict (LLM)	150
Strategy, Innovation & People Management (MSc)	123

COURSE	Page
<b>COLLEGE OF MEDICINE, NURSING AND HEALTH SCIENCES</b>	
Cellular Manufacturing & Therapy (MSc, PDip, PgCert)	165
Clinical Research (MSc)	168
Diabetes (Medicine) (MHSc)	177
Diabetes (Professional Credit Award)	178
Exercise Physiology and its Application in Therapy (MSc)	169
Healthcare Simulation & Patient Safety (MSc)	172
Health Promotion (MA/PDip)	163
Regenerative Medicine (MSc)	181
Wound Healing & Tissue Repair (MHSc/PDip)	200
<b>COLLEGE OF SCIENCE AND ENGINEERING</b>	
AgInnovation (MSc)	232
Biodiversity and Land Use Planning (MSc)	252
Biomedical Science (MSc)	236
Climate Change, Agriculture and Food Security (MSc)	253
Enterprise Systems (MApplSc)	225
Environmental Leadership (MSc)	254
Health Data Science	244
Medical Physics (MSc)	229
Medical Technologies Regulatory Affairs & Quality (Certificate)	246
Medical Technology Regulatory Affairs (MSc)	248
Neuropharmacology (MSc)	239
Occupational and Environmental Health & Safety (HDipSc/MSc)	230
Software Design & Development (HDip)	213
Software Design & Development (MSc)	214
Sustainable Resource Management: Policy and Practice (MSc)	259
TechInnovation (MSc)	235
Toxicology (MSc)	240

# Meet Us



## Postgraduate Open Days Autumn 2022 and Spring 2023

Our first Postgraduate Open Day will take place on Tuesday, 8 November 2022, and the second will be held in Spring 2023, on Tuesday, 7 February. These involve a full programme of postgraduate information sessions, career advice, CV clinics, and funding and scholarship information sessions. More information will be posted at: [www.universityofgalway.ie/postgraduateopenday](http://www.universityofgalway.ie/postgraduateopenday)

Open Days are a great opportunity to visit the university, speak to academic staff and postgraduate students, get information and advice on our wide range of courses, and even take a campus tour. You can find out about admissions processes and student support resources and funding or attend a careers seminar or funding presentation.

## Other Postgraduate Events

We also exhibit at other postgraduate events. To see where you can meet us in 2022–23, visit: [www.universityofgalway.ie/postgradevents](http://www.universityofgalway.ie/postgradevents).

## Campus Tours

You can visit the campus in person and book a tour in advance by emailing [visit@universityofgalway.ie](mailto:visit@universityofgalway.ie). If you have a particular interest in meeting a programme director please indicate this in your email and we will do our best to arrange this for you.



SOME "DATES FOR  
YOUR DIARY"

## Graduate Jobs and Futures Fair

**Tuesday, 27 September 2022**

## Postgraduate Open Days

*Check website for details:*

[www.universityofgalway.ie/  
postgraduateopenday](http://www.universityofgalway.ie/postgraduateopenday)

**Tuesday, 8 November 2022**

**Tuesday, 7 February 2023**

## Virtual events

Some of the planned events for 2022–23 may be held virtually, and not on campus. Check this website for listings:

[universityofgalway.ie/postgradevents](http://universityofgalway.ie/postgradevents)





L-R: University of Galway recent scholarship recipients Christina Gleeson, MSc Clinical Neuroscience student, Ivan Brown, MA English student, and Emily Atkinson, MSc Consumer Psychology student.

## Postgraduate Scholarships Scheme for full-time taught master's students

At University of Galway we are keen to ensure that the brightest and most committed students progress to postgraduate study. Our Postgraduate Scholarships are designed to reward excellent students who have performed exceptionally well in their undergraduate studies. Scholarships are worth €1,500 per student.

Scholarships will be awarded to EU students who:

- Have been accepted on to a full-time taught master's programme commencing September 2023;
- And have a First Class Honours undergraduate degree.

### More information/how to apply

[www.universityofgalway.ie/postgraduate\\_scholarships](http://www.universityofgalway.ie/postgraduate_scholarships)

**T:** +353 91 495 999 | **E:** [postgradadmissions@universityofgalway](mailto:postgradadmissions@universityofgalway)





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