



NUI Galway
OÉ Gaillimh



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**INTERNATIONAL
PROSPECTUS**

INTERNATIONALLY RECOGNISED UNIQUE PROGRAMMES

NUI Galway has a global reputation in key areas of expertise, and we offer postgraduate programmes in these fields: Biomedical Science and Engineering; Human Rights, Applied Social Science and Public Policy; Energy, Environment and Marine Research; Data Analytics, Physical and Computational Sciences; and Digital Humanities.

A TOP UNIVERSITY FOR GRADUATE EMPLOYABILITY

NUI Galway continues to outperform other universities in terms of graduate employment. 95% of our postgraduates are employed or in further studies six months after graduating (higher than the HEA national average for postgraduates).

€64.7 MILLION ANNUAL RESEARCH INCOME

In the latest financial year, we received €64.7 million in competitive funding across a range of dynamic, innovative research projects.

IMPORTANT NATIONAL FACILITIES

Our campus hosts major national facilities, such as the National Centre for Biomedical Engineering and Science, the Irish Centre for Human Rights, and the unique Centre for Cell Manufacturing Ireland, the only stem cell manufacturing facility in Ireland.

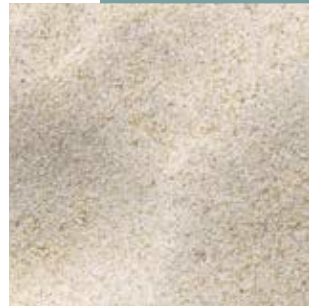
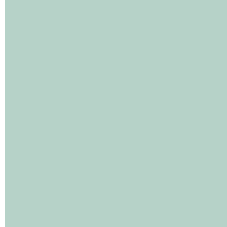
€400 MILLION CAMPUS DEVELOPMENT PROGRAMME

NUI Galway is investing €0.75 million per week in a ten-year campus development programme to provide the very best learning environment for you.

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The contents of this prospectus are for information purposes only and shall not be deemed to constitute a contract between NUI Galway and an applicant or any third party. Whilst every effort is made to ensure the accuracy of the information in this publication, the university reserves the right to amend, change or delete any courses, syllabuses, examinations, dates, fees, regulations, rules or orders at any time without notice.



About NUI Galway



Established in 1845, National University of Ireland, Galway (NUI Galway) has 170 years' experience of teaching and research across a wide range of academic disciplines.

The University comprises five colleges:

- College of Arts, Social Sciences, and Celtic Studies
- College of Business, Public Policy and Law
- College of Engineering and Informatics
- College of Medicine, Nursing and Health Sciences
- College of Science

The research environment at NUI Galway is strongly interdisciplinary, built on the University's particular areas of expertise. In recent years, the University has been extremely successful in developing a number of internationally renowned centres of excellence, in areas including Irish Studies, Child and Family Research, Film and Digital Media, Human Rights, Biomedical Engineering, Semantic Web Technology, Environmental and Marine Science.

As a result, today NUI Galway attracts leading academics from around the world, whose expertise helps ensure that our teaching and research programmes continue to respond to the ever changing needs of students, employers and the wider society. In fact 35% of our staff are from overseas, coming from 45 countries worldwide.

The Student Experience

Our combination of academic, personal and social development means that a degree from NUI Galway opens up a world of opportunities for you. Here you will enjoy a student experience that you will never forget. Not only will we provide you with an excellent

education, we also help you develop personal and social skills that will benefit you throughout your life.

We currently have over 150 sports clubs and student societies at NUI Galway. Through clubs and societies you can meet new people, build friendships and improve your talents. Whatever your interests, NUI Galway is sure to have a club or society for you! NUI Galway also runs ALIVE, a student volunteering programme. We have over 4,000 registered student volunteers with opportunities to work on community projects in Ireland or abroad. You will receive a certificate in recognition of your volunteering work which will also look great on your CV.

Our graduates are highly sought after by employers who recognise that they have the right mix of knowledge and social skills to make a real contribution in the workplace. We are one of Ireland's top universities for graduate employment, consistently out performing the national average across all disciplines.

NUI Galway also has an excellent reputation for the provision of care and support services to international students. The International Affairs Office in particular provides a comprehensive advisory, information and support service for students and organises various social and cultural events to help new students adjust and integrate into the life of the University.

The University is a long-standing member of the Coimbra Group of prestigious traditional European universities.



Quick facts

NUI Galway has over:

- 23,000 students.
- 3,000 international students from 115 countries.
- 2,400 staff members.
- 120 links with universities across the globe.
- 90,000 alumni in 107 countries.
- 170 years' experience providing university education.

NUI Galway is:

- Ireland's top University for graduate employability with 95% of our graduates employed or in further study within six months of graduating.
- The largest and oldest university in the west of Ireland.
- Ranked 261st in the world by Times Higher Education 2014/15

NUI Galway is world leading for research in:

- Biomedical Science and Engineering
- Web Science
- Human Rights
- Marine Science, Energy and Environmental Science
- Applied Social Sciences and Public Policy
- Humanities, in particular literature, Theatre and Irish Studies



About Ireland

Population:

4.6 million

A Friendly, Safe Environment:

Ireland is the 13th most peaceful place on Earth (Global Peace Index, 2014) & most friendly country in the world (Lonely Planet, 2010). Ireland is the best country in the world according to the Good Country Index 2015.

English Speaking Country:

While Ireland has its own language and distinct cultural identity, English is the universal spoken language. In fact, Ireland is the only English-speaking country in the Eurozone, and that's one of the reasons why so many multinational businesses locate their European base here.

High Standard of Education:

Ireland is ranked 16th in the world

for its higher education system, according to the IMD World Competitiveness Yearbook 2015.

Leading Companies in Ireland:

Over 1,000 FDI giants in ICT, Social Media, Pharmaceuticals and Finance have made Ireland the hub of their European operations, with names such as Google, HP, Apple, IBM, Facebook, LinkedIn, Twitter, Pfizer, GSK and Genzyme.

Weather:

Ireland enjoys a temperate climate, with warm summers and mild winters.

Outside of the Classroom!

Culture

Ireland's traditions of writing, theatre and art are celebrated in a host of events that include Cork World Book Festival, Kilkenny Arts Festival,

Jameson Dublin International Film Festival, Galway International Arts Festival, Lismore Immrama Festival Of Travel Writing.

Over 290 Music festivals

Contemporary music: The Electric Picnic, Castlepalooza, Cork Jazz Festival and Wexford Festival Opera

Traditional music: Fleadh Cheoil na hÉireann, TradFest in Dublin and Cork, and a lot more festivals around the country.

Beautiful Ireland

Outside Ireland's buzzing cities and towns, miles and miles of unexplored terrain make it the perfect place to get away from it all. We've got magical castles, enchanted ruins, ancient archaeology and thousands of miles of windswept coastline, with some of the most beautiful beaches, highest sea cliffs and biggest waves in Europe all on Galway's doorstep.



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Industries in Ireland

9 of the top 10 global ICT companies

8 of the top 10 gaming companies

8 of the top 10 global pharmaceutical companies

6 of the top 7 diagnostics companies

15 of the top 20 medical device companies

50% of the leading financial services firms

Source: Enterprise Ireland



Galway, 'Ireland's Cultural Heart'

Young, vibrant and cosmopolitan, Galway is widely regarded as the cultural capital of Ireland and is a 'college town' in every sense, with students accounting for approximately 20% of the population of the city during term. This youthful energy is reflected in the many internationally renowned festivals, music sessions, cultural and sporting events that are hosted in the city every year, including:

- St. Patrick's Day Parade (March)
- Galway Food Festival (March)
- Cuirt International Festival of Literature (April)
- Galway Early Music Festival (May)

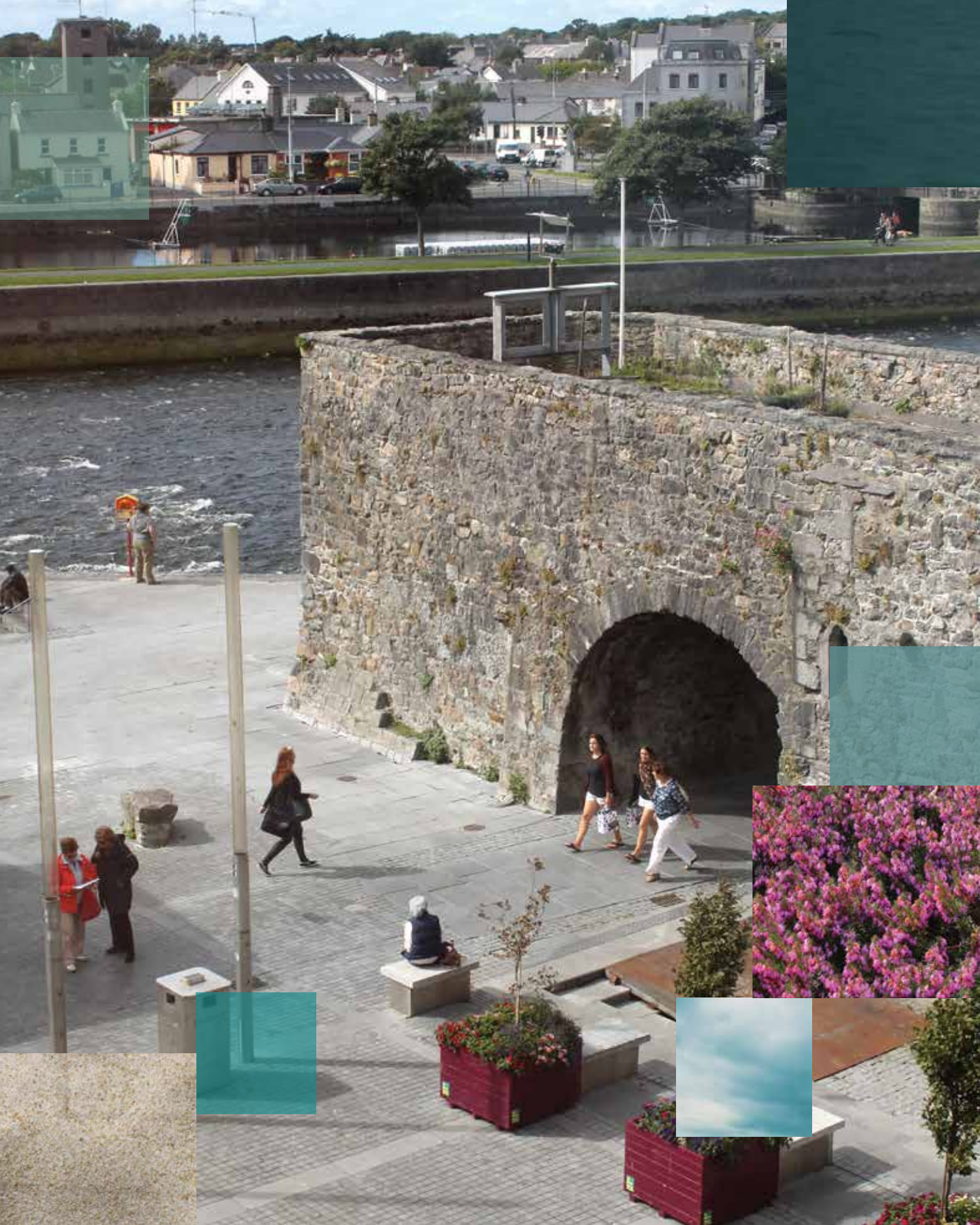
- Galway Traditional Irish Music Sessions (June)
- Galway Film Fleadh (July)
- Galway International Arts Festival (July)
- Galway Races (August)
- Galway International Oyster Festival (September)
- Galway Comedy Festival (October)
- Galway Abooo and Carnevil - Halloween
- Galway Christmas Market

Details of all festivals can be found at <http://www.galwaytourism.ie/pgalway-events-calendar.html>

FDI Magazine ranked Galway as "Best Overall Micro City in Europe". Galway was awarded UNESCO City of Film and a Purple Flag for a safe, vibrant and diverse night time economy in 2015. Readers of US travel bible Travel + Leisure magazine have named Galway the world's friendliest city (Oct 2015).

Galway is centrally located on the Wild Atlantic Way, which is the longest defined coastal touring route in the world.

"Experience the real beauty of Ireland" close to Galway by visiting Connemara, a place of contrasts, colours, desolate beauty, incredible scenery and amazing attractions.



College of Arts, Social Sciences, & Celtic Studies

www.nuigalway.ie/arts/

Welcome to the College of Arts, Social Sciences and Celtic Studies at NUI Galway. The College of Arts is a large, busy and dynamic hub, bringing together researchers and students across six Schools: Humanities; Languages, Literatures and Cultures; Political Science and Sociology; Psychology; Education; and Geography and Archaeology. Our undergraduate and postgraduate teaching and research programmes cover twenty disciplines and we also connect through a dozen or more affiliated inter-disciplinary programmes to research and teaching in the applied health sciences, human rights, law and policy, women's studies, journalism, information technology, mathematics, maths physics and *Acadamh na hOllscolaíochta Gaeilge*.

Research at the College of Arts is linked to three major institutes: the Moore Institute, which specialises in humanities and social studies; the Whitaker Institute, which specialises in innovation and change and the Institute for Life Course and

Society which undertakes applied social science research focused on children, youth, older people and disability. Whether it takes place in the research institutes, in the disciplines, or in an inter-disciplinary programme, our research prioritises two cross-disciplinary research themes: **Humanities in Context** and **Applied Social Sciences and Public Policy**.

Our diverse and cross-disciplinary character has helped us to develop both broad and specialist undergraduate curriculum, leading on to innovative and unique taught postgraduate courses and research programmes. Our teaching is connected to local, national, European and global research initiatives and networks, so you can see how your developing knowledge fits in with the creation of new knowledge and understandings, be that in ancient and medieval studies; Irish studies colonial and postcolonial studies; place, landscape and archaeological studies; languages and translation;

drama and theatre; digital, film or literary media; gender studies; ethics; politics and governance or local and global action for sustainability and justice, to name just a few areas. The diversity of our scholarship is supported by advanced research resources and expertise, global scholarly networks and connections to a wide range of public and policy practitioners and users, from government to international organisations, public and cultural institutions and the community sector.

The College of Arts, Social Sciences and Celtic Studies at NUI Galway is a place where excellent research drives excellent teaching, with academic staff who are winners of national and European teaching awards. The College prioritises both academic and practical supports and we strive to foster an academic culture that is both accessible and expert. We welcome over 1200 students each year from over 55 countries and regions and our staff represent 19 countries.

Fee Information:

Undergraduate Fees: €12,750
Postgraduate Fees: €13,250

English Language Requirements:

IELTS 6.5 with not less than 5.5 in any component

Entry Requirements:

Please visit website for further information about specific programmes and qualifications by country <http://www.nuigalway.ie/international-students/>



**Bachelor of Arts
(Joint-Honours)
3 years,
Bachelor of Arts
(International)
4 years**

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Course Outline

This is a three-year Joint-Honours degree programme, with a range of two-subject degree combinations available under the programme. In First Arts, students choose three subjects from the Subject Groupings (listed below). In Second Arts, you continue to study two of these subjects to degree level. During your second year of the BA (Joint-Honours) you may decide to apply for the BA (International). You can spend a year abroad studying in a third level institution or on a placement if you take this opportunity. Students studying a modern language are required to spend an academic year in a country where that language is widely spoken.

Whether you are looking for a career in media, psychology, theatre, marketing, teaching, law or business, an Arts degree is the right foundation for the pathway chosen by you.

Arts graduates are amongst the most employable graduates in the world because of their versatility and ability to think critically and independently.

An Arts degree will provide you with a unique combination of intellectual skills, knowledge and interpersonal competence that will make you highly adaptable in a constantly changing workforce. Arts graduates are not locked into one set of skills that may become redundant in the future; they are flexible, multi-skilled critical thinkers who are well prepared to meet the challenges of the modern jobs market. The Arts degree is the perfect foundation for a wide range of interesting and rewarding careers.

In First Arts, students choose THREE subjects and not more than ONE from any of the following groups.

Group One:

Archaeology, French, Mathematics

Group Two:

Law, Psychology, Celtic Civilisation, Human Rights, Film Studies, Latin American Studies

Group Three:

Classics, Geography, German, Irish Studies (Literature and Music), Journalism

Group Four:

English, Economics, Children's Studies

Group Five:

Sociological and Political Studies, Information Technology, Léann an Aistriúcháin, Creative Writing, Performing Arts Studies, Theatre

Group Six:

History, Spanish, Drama

Group Seven:

Gaeilge, Italian, Philosophy

Career Prospects

Arts graduates are found in almost every walk of life and BA graduates from NUI Galway occupy leading positions in commercial, social, educational, and public organisations at home and abroad.

See www.nuigalway.ie/arts and www.nuigalway.ie/careers for useful advice on career opportunities for BA (Joint-Honours) graduates.

BA CONNECT Programme

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Course Outline

A BA CONNECT programme is a four-year BA degree which offers you all the benefits of a two-subject Bachelor of Arts degree together with a specialism of your choice. The programme follows the same structure as the Bachelor of Arts (Joint-Honours) but students specialise in their chosen subject during year 3 of the programme.

Students may choose from the following special interest subjects:

Bachelor of Arts with Children's Studies, Bachelor of Arts with

Creative Writing, Bachelor of Arts with Film Studies, Bachelor of Arts with Human Rights, Bachelor of Arts with Irish Studies, Bachelor of Arts with Performing Arts Studies, Bachelor of Arts with Latin American Studies, Bachelor of Arts with Journalism.

“

My name is Siobhan Keenan and I am from Midland Park, New Jersey, USA.

I am currently studying English and Psychological Studies in my second year at NUI Galway. I chose NUI Galway because I love Galway City and the school couldn't be a better fit. My two subjects, English and Psychological Studies are the perfect fit for what I was looking for. I've come to Ireland ever since I was a child and I couldn't be happier that I now get to live here year round in one of my favourite cities.

**Siobhan Keenan,
Undergraduate Arts
Student, USA**

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BA CONNECT Programme: Bachelor of Arts with Children's Studies

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Course Outline

Year One

Children and the Creative Arts, Children in Social Contexts, Irish childhoods: Past and Present,

Year Two

European Fairytale, Child Law, Psychology

Year Three

Connecting Research, Policy and Practice in Children's Studies, Children and Human Rights, Designing Play: Workshop in Creativity for Children, Children and Health, Work Placement/Study Abroad

Year Four

You will complete your studies in your two core degree subjects and may incorporate in your final year projects the specialist skills and knowledge you have gained in Children's Studies over your previous three years.

Career Prospects

The expertise acquired through a BA with Children's Studies will assist students in identifying the career path that best suits their particular talents and ambitions. It is the perfect platform from which to pursue careers in social care, child and family support, advocacy, the creative arts, education, healthcare and community development. The particular options open to graduates vary enormously depending on the two subjects that they take with their specialism.

BA CONNECT Programme: Bachelor of Arts with Creative Writing

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Course Outline

Year One

The Forms of Fiction, Exploring Non-fiction, Writing Professions

Year Two

The Voices and Styles of Poetry, Dramatic Ideas

Year Three

Independent project(s) and/or placement and/or study abroad

Year Four

Completion of studies in your two core degree subjects



Career Prospects

The expertise acquired through a BA with Creative Writing will help open doors of employment in all those fields where written communication is important. You will have fostered the ambition and talent necessary to be a published author and you may consider a career as one. The skills you will acquire are also applicable to a wide range of professional and creative activities, for example in media, literature, publishing, journalism and advertising.

BA CONNECT Programme: Bachelor of Arts with Film Studies UG**Course Outline**

Introduction to Film: Film and Form, Introduction to Film II: Film and Genre, Introduction to Film III: Beyond Hollywood, Cinema and Realism, Digital Storytelling, Irish Cinema, Non-Western Cinemas, Academic Researching and Writing in Film Studies (Film Theory and Methodologies), Early and Silent Cinema, Introduction to Visual Culture, Applied Film Studies, Study Abroad Placement, Independent Research Project, Independent Study Module (Work Experience)

Career Prospects

The career trajectory with the BA with Film Studies is similar to that of any arts orientated degree. However, you will be equipped with extra transferable skills and experience that will help you with your job search. Film Studies, particularly as an intercalated subject, makes graduates even more attractive prospects to employers. Aside from being a popular art form, film is an international industry, an influential ideological force, and a source of pleasure. As Elizabeth Daley, the dean of the USC's School of Cinema and Television, states "Society as a whole is more and more splitting into two great hostile camps, into two great classes directly facing each other: cine-literate and cine-illiterate." Offering students the opportunity for cineliteracy is expanding their employment opportunities.

Most of our graduates undertake further study in areas such as film curation, film studies or film production. Other students are involved with film/media production or film journalism. A number of our graduates remain within the Huston School of Film and Digital Media to undertake Master's degrees.

BA CONNECT Programme: Bachelor of Arts with Human Rights UG**Course Outline****Year One**

Introduction to Human Rights

Year Two

Historical Perspective in Human Rights, Modern Themes & Issues in Human Rights

Year Three

Contemporary Issues in Human Rights, Professional Development, Children's Rights, Internship Semester 1, Internship Semester 2, Applied Human Rights Project Semester 1 and/or 2, Study Abroad / Erasmus Semester ½

Year Four

Completion of studies in your two core degree subjects

Career Prospects

The degree provides an excellent foundation for many types of career. Career prospects include working with civil society organisations, public administration, development agencies and international organisations. Among the roles undertaken by our recently graduated students is Project Manager in an African-based human rights NGO.

“

The first thing that attracted me to NUI Galway was the great reputation of the Irish Centre for Human Rights, the only centre of its kind in the world. Human Rights Law is a hugely important area both in terms of international law and international relations. I chose to study this subject in order to help improve human rights and promote the humanitarian concerns in the official and civil life in China.

With its excellent facilities and professional and international environment, NUI Galway is the perfect place to do this. NUI Galway is a lovely place with lovely people. I would certainly recommend NUI Galway and Ireland to other international students. Galway boasts a great combination of people, culture and literature, not to mention Irish music!

**Jia Wang,
PhD Student,
China**

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BA CONNECT Programme: Bachelor of Arts with Irish Studies UG**Course Outline****Year One**

An introduction to twentieth century Irish writing. The migrant experience in modern and contemporary Irish writing. An introduction to traditional Irish music and dance since 1893/Music in the Diaspora.

Year Two

A sense of place: location and dislocation in modern Irish writing. Tunes and texts: Constructing identity in Irish music and dance.

Year Three

Semester 1: Irish Studies Abroad: all students will spend the semester studying at an international partner university. **Semester 2:** Irish Studies Independent Research Project: students will spend this semester conducting an independent research project, which may involve placement, archive research and/or fieldwork.

Year Four

Completion of studies in your two core degree subjects.

Career Prospects

The advanced research, writing and oral presentation skills acquired in this programme are necessary skills for students considering careers in education, journalism and communications, arts and heritage, publishing and the public service.

BA CONNECT Programme: Bachelor of Arts with Performing Arts Studies UG**Course Outline****Year One**

Theatre Workshop I, Theatre Workshop II, Theatre History

Year Two

Acting Techniques and Performance History, Styles of Performance

Year Three

Performing Arts, The Theory and Practice of Acting and Directing, Practical Theatre Experience

Year Four

Completion of studies in your two core degree subjects.

Career Prospects

Graduates of this degree can pursue careers in the performing arts, education, the public service, film and television media, heritage and tourism, and business, and may also pursue further academic study in the areas of drama, theatre and performance.

BA CONNECT Programme: Bachelor of Arts with Latin American Studies UG**Course Outline****Year One**

Representations of Latin America, Latin American Society and Politics, Placing the Writer: an Introduction to Ten Latin American Authors

Year Two

Latin American History and Society, Cultural Debates in Latin America

Year Three

Work Placement/Study Abroad in Chile or Mexico

Year Four

Completion of studies in your two core degree subjects.

Career Prospects

Ireland is increasingly viewed as a gateway into Europe for Latin American businesses and organisations. As a graduate of this programme, you will have a range of skills which are valued in the workplace. In addition to your linguistic abilities, you will have developed a broad understanding of Latin America and specialist knowledge of the country in which you spend your third year. Career options include teaching, translation, media and communications, arts and culture, and positions in multinational companies, international agencies or non-governmental organisations.

BA CONNECT Programme: Bachelor of Arts with Journalism UG**Course Outline****Year One**

Cultural Foundations, This is the News, Journalists at Work

Year Two

The Journalist's Web, Broadcasting Encounters



Year Three

Work observation/placement and/or study abroad

Year Four

Completion of studies in your two core degree subjects

Career Prospects

The expertise acquired through the BA with Journalism will equip you for employment in all those fields where communication is primary. Along with fostering your own ambitions and talents, the programme will provide you with the opportunity to cultivate contacts and networks among professional journalists. The skills and working knowledge you acquire will be applicable to a wide range of professional activities in journalism and the media generally, in writing and editing, in marketing, and in publishing and advertising.

DENOMINATED ARTS PROGRAMMES

The Denominated Arts Programmes are highly specialised degree programmes and include BA (Drama, Theatre and Performance Studies), BA (Youth and Family Studies), BA (Psychology), BA (Public and Social Policy), BA (History) and BA (Mathematics and Education).

BA (Drama, Theatre and Performance Studies)**Course Outline****Year One**

Introduction to Performance, Western Drama, Thinking About Theatre, Performance History and Practice

Year Two

Intermediate Performance, Directing, Playwriting, Theatre History, Introduction to Film Studies, Second Year production

Year Three

Performance in the Irish language, Musical Theatre, Dance and Movement, Writing about theatre, Internships, Professional production, International Theatre experience

Year Four

Preparation for professional practice (including end of year showcase), Advanced performance, Theatre Theories and Histories

Career Prospects

Graduates of this degree can pursue careers in the performing arts, education, the public service, film and television media, heritage and tourism, and business, and may also pursue further academic study in the areas of drama, theatre and performance.



Taking the Performing Arts class was one of the best decisions I made during my time in Ireland. We got an amazing overview of Irish music and the context in which it was produced. Every week you could expect to learn something new and interesting. It was never boring, also because for every class two students gathered some material and presented it. So there was always a lot of variety and everyone contributed to the class. What I also really loved about the course was our teacher and just how much enthusiasm and energy she brought into it. She was always well prepared and could answer any question. It was a lot of fun listening to her and learning something about Irish music in all its diversity.

Judith Saurer

**Bachelor of Arts (Youth and Family Studies)****Course Outline****Year One**

Introduction to Youth and Family Studies, Introduction to Politics and Sociology, Concepts and Practices in Politics and Sociology, Problems in Politics and Sociology, Principles of Microeconomics, Principles of Macroeconomics, Applied Economics, Economics Coursework, Applied Public Policy, Applications Programming, Computer Systems, Internet and Web Development

Year Two

Qualitative Research Methods, Professional Skills, Communities in Focus, Understanding Family and Society, Applied Microeconomics, Promotion Mental Health and well-being in Families, Conflict Transformation, Youth Development, Quantitative Research Methods, Economics of Public and Social Policy, Therapeutic Communication, Economics of Family Policy

Year Three

The value of Arts in the lives of children, Development and Change, Child Protection and Welfare, Youth Work Principles and Practice, Geographies of Children, Youth & Families, Comparative Public Policy, Project Planning and Evaluation, Family Law, Issues in Contemporary Families, Current Debates in Youth and Family Work, Plus two optional modules from third year of Political Science & Sociology and/or Women's Studies

Career Prospects

Upon graduation, you will have the necessary skills to apply directly for youth work positions with organisations such as Foroige (www.foroige.ie) and Youth Work Ireland (www.youthworkireland.ie/), with whom the University has strong links.

Bachelor of Arts (Public and Social Policy)**Course Outline****Year One**

Principles of Microeconomics, Principles of Macroeconomics, Economics Coursework, Introduction to Research in Public and Social Policy, Irish Legal Systems, Law and Social Policy, Administrative Law I, Introduction to Politics and Sociology, Concepts and Practices in Politics and Sociology, Problems in Politics and Sociology, Public and Social Policy in Ireland

Year Two

Intermediate Microeconomics, Mathematics for Economics, Sociology of Law, Constitutional Law I, European Politics, Public Administration, Intermediate Macroeconomics, Economics of Public Policy, Constitutional Law II, Health Law and Policy, Social Issues and Policy Responses, Methods for Social and Political Scientists

Year Three

Topics in Microeconomic Theory, European Community Law I, Development and Change, Theories of the Policy Process, Public Economics, European Community Law II, Comparative Public Policy, Policy Seminar, Choice of modules in Economics, Law, and Sociological and Political Studies

Career Prospects

This degree provides an innovative and attractive educational foundation in the policy-making process and will open up career possibilities in central and local government, the EU, non-governmental organisations and other bodies involved in the policy process. It also provides an excellent foundation for a career in public administration, industrial relations, journalism, social work, community work, management, administration, development agencies, banking and business, as well as research.

Bachelor of Arts (Psychology)**Course Outline**

The BA in Psychology satisfies the requirements for graduate membership of relevant professional societies (the Psychological Society of Ireland and the British Psychological Society), and the degree qualifies graduates for entry to specialist postgraduate professional programmes in Ireland, the UK, the US and elsewhere.

Year One

Cognitive Psychology, Theories of Personality, Research Methods, Social Psychology, Psychology of Learning, Developmental Psychology, Biology and Behaviour, Plus three other subjects are selected from the extensive Arts menu

Year Two

Developmental Psychology, Experimental Psychology, Qualitative Research Methods, Biological Psychology, Psychology of Learning, Social Psychology, Forensic, Abnormal and Clinical Psychology, Applied Organisational Psychology, Perception, Attention and Performance, Research Methods in Psychology, Positive Psychology

Year Three

Applied Behavioural Analysis, Historical and Conceptual Issues in Psychology, Psychological Measurement: Theory and Practice, Developmental Psychology, Advanced Research Methods in Psychology, Memory and Cognition, Issues in Cognitive Neuroscience, Health Psychology, Research Project, Relational Frame Theory, Behavioural Medicine

Career Prospects

The BA in Psychology provides the foundation for professional careers in psychology, as well as careers in a host of cognate areas. Professional psychologists work in a variety of settings. For example, in the health services, they treat mental health issues, in educational settings, they identify learning needs and in industry, they work on recruitment

and retention. Psychological researchers work as lecturers in third-level colleges or other research settings. Many graduates also find their psychology degree helps them in non-psychology professions such as banking, the media, information technology and management.

Graduates are to be found across all employment sectors, including:

Social and health services, counselling and therapy, industry and commerce, civil service, education, the defence forces, journalism and the media, sport and recreation, organisation and management, the criminal justice system.

Bachelor of Arts (History)

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Course Outline

Year One

Ireland and Europe in the nineteenth century, Medieval and Early Modern societies, Skills for Historians, Plus two other subjects are selected from the extensive Arts menu.

Year Two

Two colloquia (research-oriented small group modules), One lecture module from four different time periods: ancient, medieval, early modern and modern, Four additional modules in any time period.



Year Three

Two seminar modules (research-orientated small group modules), Four lecture modules of the student's choice, Dissertation (Research Project) on a topic chosen in consultation with staff.

Career Prospects

The BA in History opens doors to a range of potential career paths, as well as an avenue to further training of a more vocational nature. The research, writing and communication skills that History develops offer an excellent foundation for careers in a variety of areas, including business, education, public service, the legal field, politics, media, non-governmental organisations, the film industry, museums, archives, libraries, community work and various international organisations. For those considering an academic career in History, the range of skills the BA in History develops also provides particular advantages.

Bachelor of Arts (Mathematics and Education)

UG

Course Outline

Year One

History and Structure of Irish Education, Principles of Second-Level Mathematics, Introduction to Educational Sciences, Practical

Teaching Programme 1, Analysis and Algebra I and II, Mathematical Skills, Introduction to Mathematical Modelling, Introduction to Applied Mathematics I and II, Skills of Applied Mathematics

Year Two

Philosophical Foundations of Education, Mathematics Methodology and Skills of Teaching, Practical Teaching Programme 2, Applied Mathematics: Mechanics I, Analysis I, Linear Algebra, Geometry, Introduction to Statistical Data and Probability, Introduction to Statistical Inference

Year Three

Curriculum and Assessment, Practical Teaching Programme 3, Professional Studies: Integrated Project, Psychology, Sociology and Catering for Diversity, Research Literacies for Professional Development & Lifelong Learning, Modelling I and II, Cryptography, History Of Mathematics II, Analysis II, Topology, Groups I and II, Numerical Analysis II Mathematics, Applied Mathematics: Mechanics II

Year Four

Practical Teaching Programme: Integrated Project, Block Teaching Practice, Final-Year Symposium, Mathematics (Metric Spaces, Applied Statistics I and II, Topology, Advanced Statistical Methods for Business, Functional Analysis, Ring's Field Theory, Cryptography, Groups II, History of Mathematics II, Measure Theory, Numerical Analysis II, Mathematical Modeling II, Non-linear Systems.)

Career Prospects

Graduates have excellent opportunities as high quality teachers of mathematics and applied mathematics. Our graduates are keenly sought for teaching positions in Ireland and abroad. Additionally, as graduates of mathematics, a huge variety of career options are available to them, including further or higher education, academic or industrial research, ICT, finance, actuarial work, meteorology, scientific journalism and many more besides.

Bachelor of Arts (Children's Studies)

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The BA (Children's Studies) is a new denominated interdisciplinary programme that is particularly suited to those interested in developing careers working with or on behalf of children.

Course Outline

Year One

Introduction to Children's Studies: The first year focuses on providing the foundations of the programme and builds core study skills, by introducing students to essay writing, discipline-specific research skills, service-learning and guided enquiry-based learning.

Year Two

Children in the Irish Context: The second year focuses on the position of children and young adults in Ireland from historical, cultural, legal and societal aspects. It builds on the study skills acquired in the first year, and introduces students to the concepts of child-centered research.

Year Three

Children in Global Context: The third year focuses on developing comparative views of children and young people across nations. It provides an opportunity for students to have real-life work placements in the national and international community and it includes an optional international exchange.

Year Four

Contemporary Issues in Children's Lives: Year four concentrates on current issues in the lives of children and adolescents. It is centered on cutting-edge topics and phenomena, and it includes a guided research project designed to enable students to develop the knowledge gained in the previous three years.

Career Prospects

The BA (Children's Studies) provides students with the knowledge, confidence and transferable skills to identify their preferred career path as well as to succeed in their chosen field nationally or internationally.

Graduates will be well-placed to pursue careers in primary school teaching (this requires the addition of a Professional Master of Education), social care sectors and community development work as well as to gain entry to postgraduate degrees in play therapy, social work, health promotion, children's librarianship, museum curation, arts administration, special-needs teaching, public advocacy and activism. 88% of the graduates from the BA *CONNECT* are in further education or in employment.

MA Advanced Language Skills (French, German, Italian or Spanish)

PG

PAC Code: GYA65

Course Outline

Translation Methodology and Text:

development of skills in advanced and specialised translation, with an emphasis on translation software.

Introduction to the Skills of Consecutive Interpreting:

development of skills required in consecutive interpreting, speaking in public, note taking, mnemonic retention.

Audiovisual Translation:

interlingual subtitling (French and Italian), Elements of analysis of film discourse and audiovisual translation, Hands-on workshops with short subtitling projects.

Language and Intercultural Communication:

the aim of this module is to equip students with the transferable skills necessary to work successfully in an international environment.

Translation Studies: this module provides a strong theoretical focus and a history and development of the field of translation studies.

Dissertation: a research dissertation of approximately 20,000 words on a topic to be decided in consultation with the course coordinators.

Career Prospects

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.

MSc Applied Behaviour Analysis

PG

PAC Code: GYA68

Course Outline

The MSc involves full-time study for two years. Lectures are held one day per week, with additional clinical supervision sessions provided on designated days. The course provides students with opportunities to gain experience working within schools and services that support individuals with differential diagnoses, which facilitates the integration of the course's practical and academic elements. The course offers approved placements which students can pursue. Placement is not compulsory and an alternative assessment can be selected instead. The programme offers a thorough training in a variety of behaviour change procedures, functional assessment technologies and skills teaching practices. Students are given training in the theoretical foundations of behaviour analysis and are provided with the skills to work as practitioners. A strong emphasis is placed on the ability to work with, and provide treatment for, diverse and complex cases. Students will become competent in the design of educational and rehabilitative programmes in an applied environment. The course is accredited by the internationally recognised Behaviour Analyst Certification Board (www.bacb.com), allowing graduates to work as practitioners in organisations or as independent contractors both nationally and internationally.

Career Prospects

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 are supporting 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.

MA/MFA Art and Ecology PG
 PAC Code: Not applicable.
 Apply online via the
 Burren College of Art:
www.burrencollege.ie

Course Outline

Studio Research provides for the development of artistic practice alongside students of the MFA/MA in Studio Art. These modules provide for studio-based experimentation and innovation, leading to the production of a substantial body of work. Studio Methodologies are a series of taught studio courses examining the methodology of Art & Ecology with reference to historical examples. Theory and Art & Ecology consists of seminars contextualising the theoretical framework of Art & Ecology. In addition, Environmental Studies draws on expertise from within the College of Science at NUI Galway in engaging with scientific approaches to ecology, with the first module led by an environmental scientist. Lectures and field trips provide first-hand experience of the Burren as a microcosm of environmental and ecological issues, while a distance-learning module examines the social and political context of global environmental issues.

Career Prospects

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.

MA Arts Policy and Practice PG
 PAC Code: GYA60

Course Outline

The programme provides a range of modules, balanced between practical training in specific relevant skills and analysis of policy formation in the Arts. It is designed to improve your administration skills and help you to develop policy knowledge in relation to the Arts. Students come from diverse backgrounds, either within the sector, such as artists, administrators or managers, or outside the sector. The MA offers full-time and part-time options, taken over a 12- or 24-month period respectively. The year is divided into two teaching semesters (September to December and January to April). The summer period will be used to complete a six-week placement and a minor dissertation.

Career Prospects

Graduates are employed in a range of Arts organisations. Recent graduates have found employment in the Arts Council, Galway International Arts Festival, Poetry Ireland, Arts and Disability Ireland and in various local authority Arts Offices. Opportunities are also available within local authorities, which have Arts policies, and the education sector.

MA Classics PG
 PAC Code: GYA00

Course Outline

You will study a language as part of the programme. Latin is offered from beginners' to advanced level. The course combines the study of

Classical and Medieval varieties, with particular reference to Hiberno-Latin. Classical and Christian Greek is also studied, both at beginners' and higher level. There is a strong emphasis on the interpretation of visual and material culture alongside texts and languages. Work culminates in a dissertation prepared under the supervision of a member of academic staff. Modules include: Ancient Languages and Classical Studies I & II, and a dissertation (30 ECTS) of 15,000–20,000 words (maximum) must also be completed.

Career Prospects

Graduates have found employment in many fields, such as humanities, linguistics, and do museum work, archaeology and cultural work. Classics is recognised as a knowledge base suitable for higher-level work in these areas and a training in key transferable skills.

DPsychSc Clinical Psychology PG
 PAC Code: GYA37

Course Outline

The Doctor of Psychological Science in Clinical Psychology is a taught programme that provides professional training in 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 four supervised placements over the programme's three years. The placements provide trainees with experience of clinical psychology practice under the supervision of experienced clinical psychologists. Trainees have placements in mental health settings, working with both child and adult clients, and in services for people with learning disabilities. Other placements include services for elderly people, rehabilitation services, services for

people with acquired brain injury, services for people with addictions, and appropriate settings in general hospitals. The development of personal awareness and interpersonal sensitivity is fostered.

Career Prospects

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.

“

I am very happy that I chose the MA in Gender, Globalisation and Rights. What I have learnt has strengthened my sense that what my organisation is doing is correct but also the need for deeper analysis and a more global perspective. I now see the importance of certain issues that the women's movement in my country needs to grasp such as trafficking and migration.

Saba Gebremedhin Hagos, MA Graduate and Irish Aid Scholar (2013-2014), Executive Director, Network of Ethiopian Women's Associations, Ethiopia.

”

MSc Coastal & Marine Environments: Physical Processes, Policy & Practice PG
 PAC Code: GYA31

Course Outline

This 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, offer scientific advice on, organise and regulate an informed development of coastal and marine resources and activities. Ireland's coastal and marine environments are a vital natural resource. Students will engage with established scientific perspectives of how these systems work and the strategies used to manage them – especially in response to future climate change scenarios. Students are trained to conduct socially relevant research using best scientific practices and short field courses. Staff have a strong commitment to the field sciences and strong links and support from the Ryan Institute, NUI Galway's Institute for Environmental, Marine, and Energy Research.

Career Prospects

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 will present graduates with career opportunities across various fields including coastal and marine science, environmental consultancy, state and semi-state bodies, NGOs, policy institute research, governance, sustainable energy, teaching, heritage and tourism. The work partnership programme will aid in your professional development and offer links with potential employers, giving you tangible career paths. The MSc Programme can also be used as a platform for building towards PhD research programmes.

MA Conference Interpreting PG
 PAC Code: GYA85

Course Outline

The training provided covers both modes of conference interpreting: consecutive and simultaneous interpreting, and employs recommended techniques: concentration exercises, interpretation from memory, sight interpreting, note-taking techniques and monitored use of the institutional speech repository. Students study the theory and practice of interpreting, where they learn about various communication skills and gain experience through voice coaching and public speaking. Students also examine professional ethics and conference preparation/procedures.



along with working practices and conditions. Throughout the course, students will study the institutions of the European Union, and the University organises a study visit to the European Parliament and Commission, giving an insight into a conference interpreter's working life. Irish, English, French, Spanish, Italian, and German have been offered on the programme to date, with provision for other languages, where possible, based on student demand.

Career Prospects

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. Though many of our graduates work with EU institutions, opportunities are also available outside the large international organisations. Demand is also increasing in Ireland as interpreting services are frequently required at conferences, seminars, and so on.

MA Culture and Colonialism

PAC Code: GYA02

PG

Course Outline

Our teaching staff has been drawn over the years from the disciplines of English, History, Political Science and Sociology, Economics, Spanish, French, Irish Studies, Archaeology, German, Italian, and Classics, and is supplemented by Irish and international guest lecturers.

Modules/coursework on offer may include: Colonialism in 20th Century Cultural Theory, Approaches to the Study of Culture and Colonialism, Decolonization and Neo-Colonialism: The Politics of 'Development', Studies in the History of Colonialism and Imperialism, Research Seminar, Literature and Colonialism, The Political Economy of Global Capitalism, Cinema and Colonialism, Gender and Colonialism.



Career Prospects

The programme has a particularly strong record in research training: a high proportion of its students have proceeded to doctoral programmes in Ireland, Britain and North America, with many of them winning prestigious funding awards. MA graduates have gone on to careers in law, university lecturing, publishing, media, journalism, development work, NGOs, community work, teaching (primary and secondary), film-making, advertising, and the Civil Service.

MA Digital Media

PAC Code: GYA62

PG

Course Outline

Modules comprise:

E-Learning, Databases, Internet Programming, A History of Avant-Garde Film, Emerging Web Media, Research Methods, Digital Interactive Media, E-business Marketing, Human Computer Interaction, Graphics and Image Processing, Introduction to Creative Difference and Innovation, Service Learning, Digital Media Analytics and Visualisation, 3D Modelling and Animation, Film-making for the Internet

Career Prospects

This course has many career paths leading from it. Innovative

concepts and skills in advanced web and internet technologies are fuelling the expansion of traditional companies and there is an increase in web-centric companies and social networking sites. Artistic skills in graphic modelling and animation in film and games are increasingly sought by entertainment industries. Graduates can utilise their own creativity and skills to become entrepreneurs.

MA Drama and Theatre Studies

PAC Code: GYA03

PG

Course Outline

All students take a course in writing about theatre and performance, which covers practical writing skills in such areas as theatre reviewing, writing research papers, preparing grant applications, and so on—and we also provide you with opportunities to reflect upon your own practice through writing. Students then choose five courses from a variety of options including: Theatre Business (including internship with an Irish theatre company), Ensemble and Devising, New Approaches to Performance, Directing for Stage, Children's Theatre, 20th Century Directors and Theorists, Irish Drama and Theatre from Wilde to O'Casey, Irish Drama and Theatre from Beckett to the

Present, The Abbey Theatre Digital Archive, Druid Theatre: Synge, Tom Murphy, Martin McDonagh, Enda Walsh and beyond, Theatre Theory, Irish Theatre in Practice

Career Prospects

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.

Professional Master of Education (PME) Education (Professional Master of, [Post-Primary])

PAC Code: PEG01

PG

Course Outline

In preparing teachers for the post primary sector, the 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.

Year 1

Professional Studies, Educational Sciences, Professional Practice/School Placement, Subject Teaching Methodologies

Year 2

Practitioner Based Research, Professional Practice/School Placement, Subject Teaching Methodologies

Career Prospects

This new qualification in Initial Teacher Education at Master's level will qualify graduates for employment as a post-primary teacher and is recognised in Ireland, Europe and non-EU countries.

MA English

PAC Code: GYA53

PG

Course Outline

Students complete six relevant seminar modules across Semesters 1 and 2, i.e. three modules each semester, for a total of 60 ECTS credits (for the full-time option). These modules will be assessed through a combination of written essays and other assessment formats, possibly including reflective journals, in-class presentations, book reviews, and/or take-home exams. In the summer session, students write a 15,000-word (30 ECTS credit) dissertation on a subject of their own choosing.

Modules potentially on offer each year include Book History, Literature & Colonialism, Introduction to Digital Humanities, Textual Studies, Medieval Aesthetics and Poetic Art, Thinking About Theatre, Young Ireland to the Free State: Writing in English 1849-1922, Critical Approaches, Representations of the Book in Literature and Film, Early Modern Print and Manuscript Cultures, Approaches to Culture & Colonialism, Travel Literature, Aspects of Old and Middle English Literature, Irish Drama and Theatre, The Nineteenth-Century Literary Marketplace, Cinema & Colonialism, Nineteenth Century Periodicals And Serial Fiction, and Literature of North America, among others.

Career Prospects

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, and this credential is recognised as a career-advancing asset within the education, culture, media and knowledge industries. Graduates have progressed to teaching, writing, editing, publishing and broadcasting, as well as further academic research (e.g. PhDs). A qualification like this might alternatively lead you to a future career in marketing, sales, arts administration, IT, public relations or human resources.

MA Environment, Society and Development

PAC Code: GYA87

PG

Course Outline

The programme involves engagement with a number of core areas in critical human geography, including issues of geopolitics, development, governance and political ecology. Running through the MA is an overarching aim to impart understanding of how different philosophical and ideological approaches to environment-society relations influence policy formulation and implementation. A core practical element of the programme involves working on the ground in the challenging international development context of Bosnia and Herzegovina, where students intersect with the work of UN agencies, and a range of NGOs. In connecting with the work of UN agencies like the United Nations Development Programme, a key challenge for students involves thinking through the scalar nature of all forms of development, in which initiatives on the ground are framed by broader geopolitical, economic and institutional structures that both enable and hinder development in complex ways.

Career Prospects

The programme will prepare students for a range of workplaces including government departments, non-governmental organizations, planning and environmental management agencies and specialist research and policy institutes. The transferable and problem-solving skills gained from the field-based learning practices embedded in all modules are a particular strength for graduates. Each year, students gain vital experience working on the ground in Bosnia and Herzegovina with a variety of international development practitioners and local community leaders. Since its inception, the programme has had ICOS and other international students from a range of countries, including Ethiopia, Germany, Italy, Malawi, Norway, Russia, Sri Lanka, UAE, UK, USA and Vietnam. Many

have gone on to work in NGOs and UN agencies and, in addition, to pursue PhD research in leading Geography Departments across the world.

MA Film Studies: Theory and Practice
PAC Code: GYA09

PG

Course Outline

The programme comprises four core seminar courses and a choice of four options over two 12-week semesters. The core modules, 'Film History' and 'Critical Theory', examine fundamental issues.



Optional modules allow students to focus on specific film and media-related areas, including Irish cinema and 'Gender & Sexuality in Cinema'; practice-orientated options like 'Visual Culture', 'Film in the Digital Age' and 'Filmmaking for the Internet'; and a module examining the role of film in arts administration, education, and festival curation. Building on the success of TG4 and Irish-language film production over the past ten years, the programme also includes an Irish-language option module (the first of its type on an MA in Film Studies programme in Ireland), 'Scéalta Scáileáin na Gaeilge', which focuses on the history of screen production in the Irish language and expands students' employment prospects in Irish- and English-language film and television.

Career Prospects

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, deputy newspaper editor, journalist, teacher, theatre administrator, and film festival programmer.

Post Baccalaureate Fine Art

PAC Code: Not applicable.
Apply online via the
Burren College of Art:
www.burrencollege.ie

PG

Course Outline

This one-year Post Baccalaureate programme assists students in finding their 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 to modern history. You will also visit galleries and museums in Dublin, with optional trips to London and Berlin offered.

Career Prospects

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

MA, MFA Fine Art
PAC Code: Not applicable.
Apply online via the
Burren College of Art:
www.burrencollege.ie

PG

Course Outline

Studio practice and critique is at the core of the MFA and MA programmes, comprising studio-based individual mentoring and rigorous group critiques. Studio research modules provide for studio based experimentation and innovation, leading to the production of a substantial body of work. Historical and Critical Studies modules engage students in intensive critical discourse on contemporary art. Professional Studies modules facilitate the development of the personal, conceptual, technical and organisational skills necessary for professional practice as an artist. They are delivered through seminars, symposia and educational visits to Dublin, London and Berlin.

Career Prospects

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.

MFA Fine Art: Studio Art
PAC Code: Not applicable.
Apply online via the
Burren College of Art:
www.burrencollege.ie

PG

Course Outline

The MFA is operated as an integrated and progressive learning experience. The modules Studio Research, Historical and Critical Studies, and Professional Studies deal with the three main aspects of artistic practice but are operated together as elements of the one holistic experience.

The MFA is a joint Burren College

of Art/NUI Galway programme based at the Burren College of Art, Ballyvaughan, Co. Clare. Students register as full students of NUI Galway. The programme operates in association with the Royal College of Art, London, and the School of the Art Institute of Chicago, both of which provide visiting faculty to the programme.

Career Prospects

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 wider variety of applications, depending on the individual graduate's wishes.

MA French
PAC Code: GYA13

PG

Course Outline

The programme comprises individual modules taught by experienced staff with a record of internationally recognised publications. The seminar-based format allows the productive combination of small group tuition and varieties of student-centred learning, including translation experience.

Tuition consists of specialist seminars in each semester and a yearlong translation class. Seminars may include the following topics: Autofiction in French Literature; (Un-) Veiling the Self, Critical Approaches and Methods, Literature of Francophone Canada, Literature of France in Algeria, Representations of the Islamic Other in Medieval France, Spirituality and Literature, and Advanced French Language Studies. Not all seminars will necessarily be offered each year.

Together, these courses allow students to enhance and expand existing personal connections with and insights into French and Francophone societies and cultures. The dissertation prepared in the second semester will then allow the student to engage in an individually negotiated project, which will

generate a substantial piece of personal research.

Career Prospects

As well as developing advanced linguistic competence and intercultural awareness, the MA in French encourages transferable skills, such as information gathering, analytical skills, presentational skills, time-management and project management.

Students are equipped to embark on a variety of careers, both in Ireland and abroad. Graduates have found employment in second- and third-level teaching, the media, administration, the cultural industries and journalism, and have gone on to do further research.

MA German Literature/Language
PAC Code: GYA14

PG

Course Outline

The course programme includes modules on German language and literature, as well as a module on methods of research and interpretation.

Core modules: Advanced Language Skills 1 and 2: This year-long module allows students to further develop their language skills to level C2 of the European Framework of Reference. Classes taught cover all relevant skills—reading, writing, listening and speaking. Students will extend their command of grammar and

vocabulary, and their sensitivity to stylistic variation, nuance and register.

Modern German Literature 1 and 2: Students will discuss exemplary literary texts from various genres and literary epochs between the 18th and 21st centuries. Special attention will be given to historical and cultural contexts and to intertextual relationships. Students will apply various methods of interpretation. The selection of texts will vary from year to year.

Interpreting Literature—Theories and Methods: Students will be introduced to relevant literary theories, such as New Historicism, Ecocriticism, Postcolonialism and Deconstruction. They will learn to reflect critically on methods of interpretation and their application.

Career Prospects

German postgraduate students acquire a flexible skills base in dealing with creative and communicative, and analytical, organisational and research, tasks, and they move on to a corresponding range of career opportunities after graduation. They have developed careers in, for example, marketing, media and arts administration, as well as following more language-related career areas such as teaching, translation, publishing, international marketing and communications. Many MA graduates have continued their studies at PhD level.



MA Global Women's Studies: Gender, Globalisation and Rights

PAC Code: GYA44

PG

Course Outline

The MA in Gender, Globalisation and Rights offers a unique opportunity for in-depth study of the gender dimensions of globalisation and global issues, through an interdisciplinary programme that combines the fields of: gender and women's studies, international development, human rights, and peace and conflict studies. Students acquire the theoretical, conceptual and practical tools needed to apply a gender perspective and to undertake gender analyses in relevant domains of practice and employment at local, national and international levels, as well as for advanced research at doctoral level and beyond. In addition to modules on globalisation, development, human rights, gender and feminist theory, health and sexuality, women in agriculture and peace and conflict, skills-based modules are offered in qualitative and quantitative research methods, including historical perspectives, and in applied gender analysis. Students also have the opportunity to undertake an accredited professional placement with a relevant organisation working on issues related to programme themes.

The MA involves completion of 90 credits (ECTS) including a minor dissertation (30 credits). Students complete the following core taught modules: International Human Rights, women and Gender (10 credits); Gender Perspectives on Globalisation (10 credits); Feminist and Gender Theorising (10 credits); and Research Methods (5 credits). In addition students choose 25 credits from a range of elective modules including: Applied Gender Analysis (10 credits); Women, Conflict and Security (10 credits); Sexuality and Global Health Crises (10 credits); Historical Perspectives and Methods in Gender Research (5 credits); Human Rights and Development (5 credits); Women in

Irish Agriculture (5 credits) and/or a professional placement (10 credits). Practical workshops are offered throughout the year to strengthen academic research and writing skills and other aspects of professional development. Modules are assessed on the basis of final essays, learning journals, practical assignments, in-class presentations, and, in the case of the placement, a portfolio, including an applied project agreed with the host organisation. Potential placement hosts include a range of organisations and agencies concerned with advancing equality, development, peace and human rights. The dissertation module includes research and methods workshops, group work, and one-to-one supervision. Assessment is continuous, based on class participation, project work, in-class presentations, final essays, placement-related tasks and an independently researched minor thesis.

Career Prospects

This MA offers students unique opportunities to build the knowledge and skills necessary to pursue careers in applied policy and in research and advocacy in national, regional and international governmental, non-governmental, and media organisations. Graduates have found employment with a range of national and international organisations and agencies where issues of gender, equality, human rights and international development are addressed, including in health sectors, social work, and education and in programmes to combat gender based violence. The MA also equips students to pursue further postgraduate study in related disciplines.

MA Health Promotion

PAC Code: GYA15

PG

Course Outline

The MA/PDip programme is based on the European Masters in Health Promotion core curriculum and offers students the opportunity of pursuing European-based study as an optional module. The taught

modular programme comprises four core and six optional modules. Students must complete eight modules in total, four core ones and four optional ones. The European Dimension option entails a two-week placement in another EU member state.

Modules comprise: Foundation of Health Promotion, Research Methods, Health Promotion Practice, Determinants of Health, Promoting Healthy Behaviours, Promoting Mental Health and Social Well being, Re-orienting Health Services, Supportive Environments for Health, European dimension of Health Promotion, Evaluation of Health Promotion Programmes.

MA in Health Promotion has recently (Feb 2015) been accredited through the European Health Promotion Accreditation System as International Union of Health Promotion and Education (IUHPE) European Health Promotion Course (EuHP).

Career Prospects

A variety of career opportunities in Ireland and abroad exist for graduates of this 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.

MA Family Support Studies

PAC Code: GYA07

PG

Course Outline

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.

Year 1:

Family Support Theory; Family Support Practice; Families and Children in Ireland: Sociological Insights and Policy Perspectives; Child Protection and Alternative Care; Community Development; Understanding & Working with Vulnerable Populations; Introduction to Social and Policy Research.

Year 2:

Family Support Theory 2; Family Support Practice 2; Families and Children in Ireland: Sociological Insights and Policy Perspectives 2; Law and Family Support; Health Promotion and Families; Social and Policy Research.

Career Prospects

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 and families. Reflecting the interdisciplinary nature of the family support area, the programme is geared towards those working in social work, social care, community work, public health nursing, disability, education, justice, social welfare, early years, gerontology, and other related fields.

MSc Health Psychology

PAC Code: GYA70

PG

Course Outline

The course is concerned with the application of psychological theory, methods and research to health, illness and healthcare.

Modules included on the programme are: Health Promotion and Behaviour Change, Research Methods in Psychology, Perspectives in Health Psychology, Research Methods in Health Psychology 2, Psychological Processes in Illness and Health Care, Bio-Behavioural Processes in Health and Illness, Minor Dissertation

The modules cover a wide variety of topics, including 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. In addition, they have the opportunity to attend research seminars given by international experts in the field of health psychology.

Career Prospects

A range of career opportunities are open to graduates in areas such as health-related research and health promotion, and working with health authorities or voluntary organisations, providing support,

education and training to those with health-related difficulties. This MSc also provides an excellent foundation for further postgraduate study, e.g., PhD studies or Clinical Psychology, with Clinical Health Psychology a potential route in which to specialise.

MA History

PAC Code: GYA67

PG

Course Outline

The core modules for this programme are: Sources and Resources, Historical Debates and Controversies: Studies in Historiography

The programme includes optional modules such as the following: Studies in Local History, Studies in Oral History, Studies in the History of Colonialism and Imperialism, Comparing Slavery: Antislavery and Nation-Building: the Americas, the Atlantic and Europe, NGOs & The Making of the Twentieth Century World, Regional Identities, The First Crusade and the Sources, People on the Move: Studying Migration

Not all of these will be offered in any given year.

Career Prospects

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.

MA International Contemporary Literatures and Media

PAC Code: GYA88

PG

Course Outline

The late 20th century saw fundamental cultural changes brought about by factors such as globalisation, the end of the Cold War and technological and communicative innovations, and these changes are reflected in literature and media. 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: The Arts of Reading—about debates in world literature and theoretical approaches in modern literary and cultural studies, Self-Referentiality in Post-modern Media—how do media reflect on other media, for example how is the book represented in films or paintings?, From Division to Unification: Literary Texts in their Political Contexts—how are the post-war division of Europe, life in communist Eastern Europe, and the unification of East and West Germany reflected in literary form?. Contemporary Literary Genres—about trends in genres such as Didactic Fiction, Holocaust Literature, travel writing and fan fiction.

Career Prospects

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.

MA Irish Drama and Theatre

PAC Code: GYA12

PG

Course Outline

All students take the following four courses, each worth 10 credits: Irish Drama and Theatre from Wilde to O'Casey, Irish Drama and Theatre from Beckett to the Present, The Abbey Theatre Digital Archive, and Druid Theatre in History and Practice.

Students then choose two further modules from the following list: Writing about Theatre and Performance, Theatre Theory, Irish Theatre in Practice, and Reviewing Theatre in Ireland. Students also complete a minor dissertation worth 30 ECTS, on a topic of their choice related to Irish drama.

Career Prospects

The course is ideally suited to people who wish to go on to pursue an academic career in the fields of Irish Theatre Studies, Irish Studies, or Drama Studies generally. It also provides valuable skills in archiving and other research methodologies. Students who take the course will also be able to use it in such fields as education, tourism, cultural heritage, theatre and arts management.

MA Irish Studies

PAC Code: GYA20

PG

Course Outline

Modules include: Ideology, Politics and Society in Ireland 1800–1921, Young Ireland to the Free State: Writing in English 1849–1922, Decline and Revival: Language, Literature and Society 1800–1939, Divided Ireland: Politics and Society since 1921, The Politics of Modernity: Writing in English 1922 to the present, Gaelic and Free: Cultural Politics and Writing in Irish since 1939, Dissertation (30 ECTS).

Irish language classes at levels appropriate to students' needs run in both semesters. Continuous assessment is employed and all students must be deemed Satisfactory in Irish in order to graduate. The teaching language of this MA programme is English.

Career Prospects

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 have proceeded to doctoral research programmes in Ireland, Britain and North America.

“

The MA (Irish Studies) programme at NUI Galway is quite unique, and I felt such an MA would be best pursued 'on the ground' in Ireland. My MA course is focused on Ireland, and is an interdisciplinary course—as such, I have the opportunity to study everything from history to sociology and politics to literature (in both English and Irish). I also get a crash course on

Irish, and am learning to translate from Irish into English—something I thought would be a good idea to actually do in Galway. Particularly as I'm an international student, I felt the course would provide me with a broad background in Irish history, politics and literature, and therefore give me a good foundation for study at the PhD level. I'd recommend my course to other students if they have an (academic) interest in Ireland in the first place. I'm finding it to be a good way to gain the broad background or foundational knowledge I felt I lacked. The interdisciplinary aspect of the course means we're learning to make broader connections we otherwise might not consider. Additionally, the Centre for Irish Studies (where I'm based) brings in speakers and provides opportunities for postgraduates to come together to present and discuss their work, which is immensely helpful.

I very much love the postgraduate community here and have had the opportunity to meet and engage with postgrads outside my own course.”

Fion Lau MA
(Irish Studies)

”

MA Journalism

PAC Code: GYA23

PG

Course Outline

Core modules: News Writing and Reporting (incl. Applied Social Media), Features Journalism, Broadcast Journalism (Radio), Media Ethics, Media Law, Government and Politics, Fieldwork and Dissertation

Optional modules: Working with Archives, Contemporary Publishing, Film-making for the Internet, Cultural Journalism and Reviewing

Career Prospects

Graduates of the programme work as journalists, reporters, TV presenters, researchers and editors in print, broadcasting and new media in Ireland and abroad. Some move on from journalism to pursue careers in public relations, marketing, public advocacy and law. You may also choose to progress your studies in the area at PhD level.

MA Landscape Archaeology

PAC Code: GYA80

PG

Course Outline

The programme is based on six modules:

Landscape perspectives: you are introduced to the fascinating world of landscape studies, and its theoretical foundations, Interpreting landscapes: this module focuses on how different archaeological landscapes can be read and interpreted based on case studies from the Neolithic Period to the present day, GIS and Landscape Archaeology: this is an introduction to the basic concepts of GIS, and via tutorials you will gain basic proficiency in a selection of archaeological applications in ArcGIS 9.3, Managing landscapes: the role of archaeology in the planning process is explored. You are also introduced to the politics of landscape and public archaeology, Investigating landscapes: The range of sources and methods used in landscape archaeology are explored, with a focus on their potential and

limitations, Presenting landscapes: via tutorials you are introduced to Adobe Photoshop. The module also consists of a week's field school in the Burren, Co. Clare. Graduates are employed in many areas of the profession, while others choose to continue their studies through doctoral research.

Career Prospects

Graduates seeking employment after the completion of the course commonly find work in archaeological consultancies in the State sector and in local authorities, and are usually engaged in landscape assessment and surveys, pre-development impact assessments and excavations.



MA Literature and Publishing

PAC Code: GYA27

PG

Course Outline

The MA in Literature and Publishing provides students with the opportunity to examine literary texts within the context of the history and business of publishing, merging the theoretical with the practical. Students choose from a wide range of modules such as Contemporary Publishing, Electronic Publishing, Copyediting and Proofreading, Book History, Digital Marketing, and Publishing Law. Hands-on experience is gained through the publication of ROPES, a journal produced entirely by students in the programme. A minor dissertation is completed during the summer.

Career Prospects

Graduates have found positions in a range of fields, including publishing, advertising, bookselling, journalism, arts administration, public relations and teaching. Employers include Gill & Macmillan, Columba Press, the Educational Company of Ireland, Business & Finance, Angry Robot, Elsevier, Penguin. Some graduates opt for further study in doctoral programmes.

**HDipAppSc/MA/
MSc Mathematics**
 PAC Code: GYA28

PG

Course Outline**HDipAppSc:**

Students take a range of courses, such as Algebra, Analysis, Topology, Numerical Analysis, and Statistics. In addition, each student completes a project, supervised by an academic member of staff.

MSc:

Students take four courses per semester. Throughout the year, students work on a minor dissertation on a topic of current interest, during which they receive training in modern research techniques, as well as developing presentation and report-writing skills. The school offers a lively environment for studying a Master's. There are several weekly research seminars on topics in various areas of Mathematics. Students are also encouraged to participate in the workshops hosted by the School's de Brún Centre for Computational Algebra.

MA:

This is aimed at students with a strong degree in Honours Mathematics. It introduces advanced topics and concepts, preparing graduates for further doctoral studies. However, graduates are also in demand in the financial and semi-state sectors. The programme content is dynamic and research-led. Modules are designed to offer an insight into new and emerging areas of research mathematics.

Career Prospects

HDipAppSc: recent graduates have found employment in the education sector and the financial and actuarial industries, and have pursued Master's and PhD degrees in Mathematics.

MA/MSc: there is a strong demand for graduates with mathematical skills, and the ability to apply these skills in financial institutions, business firms and semi-state bodies.

MA Medieval Studies
 PAC Code: GYA32

PG

Course Outline

The course's interdisciplinary requirements encourage students to view the past, across Europe as well as in Ireland, in a multi-dimensional way while they learn core linguistic and other technical skills necessary for academic research in the Late Antique and Medieval worlds.

Students take a year-long seminar (Sources & Resources) focusing on palaeography and manuscript studies; it also introduces students to auxiliary sciences such as diplomatic, heraldry and philology



and includes a team-work, web-based project on a medieval scriptorium. In addition, all students take Latin and one other language (of their choice). No prior knowledge of these languages is required. To round out the year, students choose modules in Archaeology, Classics, History, and English, French, German or Irish Literature.

By Semester 2 students will have identified a supervisor with whom they develop a dissertation topic through intensive bibliographical investigation, before completing their research and writing over the summer.

Career Prospects

Graduates in Medieval Studies who do not proceed to PhD research at universities like NUI Galway, TCD, Oxford, Durham, Leeds, or the universities of Toronto or Southern California have a reasonable expectation of finding employment in many walks of life, outside of academia. These include 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.

“

Hi, my name is Julia Warnes and I'm currently doing an MA in Medieval Studies at NUI Galway. I'm originally from Canada but decided to make the move to Ireland from a drive to experience Irish culture and explore my heritage.

The decision was one that I will never regret. Since my arrival, the university has truly demonstrated all the wonderful things it has to offer. Probably the number one word I would use to describe the place is welcoming. The people are extremely friendly and although I have only been in this country for a few months, it is already starting to feel like home.

Galway is a great city to meet new people and make lifelong friends. One of the most encouraging aspects about the university is that the faculty has been so supportive and they really take an interest in the students.

My program is ideal because of its interdisciplinary nature, allowing students to interact with other departments and explore other fields of knowledge. NUI Galway is a great place to study, with its high academic standards and supportive student environment.

Julia Warnes, Graduate Student, Canada

”

MA Old and Middle Irish
 PAC Code: GYA33

PG

Course Outline

This programme provides students with a thorough grounding in Irish language and literature of the period ca. 600 to 1200 CE. It caters both for those who already have a good knowledge of Irish (Medieval or Modern) and for exceptional applicants whose background has equipped them to undertake the study of Old and Middle Irish as beginners.

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.

Of the total of 90 credits (ECTS), 60 are allocated to taught modules, and the remaining 30 to the minor thesis.

Career Prospects

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.

**MA Production
and Direction**
 PAC Code: GYA63

PG

Course Outline

The Production Practice module covers Camera, Editing, Production, Direction and Sound. In the first semester, students take part in directing workshops, where they



learn techniques such as blocking actors for camera. These are taught as hands-on exercises, where students block and shoot a scene from a feature film as a workshop exercise. Academic modules include Creative Documentary, Imaginative Reponses, and Theory of Film Practice. These classes involve regular screenings, discussion and analysis. In the second semester, students help make two short films, collaborating with teams from the MA (Public Advocacy) on one of them, and they should be prepared to work flexibly in the various roles involved in the production process.

Career Prospects

Graduates of this programme have found production work in the film, television and audiovisual industries, working independently and for large companies.

**MA Public Advocacy
and Activism**

PG

PAC Code: GYA64

Course Outline

Modules in the wide-ranging syllabus address the theory and practice of advocacy, communications, media and marketing for advocates, economics and globalization, human rights and the social and political context within which advocacy and activism developed. Across the

programme, there is a focus on both the socio-political environment in which advocates and campaigners for change must operate and also the tools and techniques by which change can be achieved.

The programme adapts every year to include the most up-to-date social media, evaluating effectiveness and practicality. Students are encouraged to use actual campaigns in their course-work analysis, so that critiques and debate are firmly based in the real world and are engaged with current events. In addition to gaining a theoretical understanding of how change may be effected, students learn how to develop and run successful campaigns, how to interact with large organizations, and how to influence public opinion on important issues.

Students work closely with the students of the MA in Production

and Direction in writing briefs and commissioning short films on advocacy subjects.

Career Prospects

Recent graduates of this programme are working in a wide range of organisations, both in Ireland and overseas, including the SOAR Foundation, PETA, UNOCHA, GOAL Ireland, ADAPT Domestic Abuse Services, the Southern Alberta Ethnic Association, Amnesty International (Irish Section), Cancer Care West, and the Washington Post.

MA Rural Sustainability PAC Code: GYA95

PG

Course Outline

This programme is theoretically informed and has a strong field-

based and applied focus, offered in response to new debates on sustainability for rural areas.

The following modules are offered: Conceptualizing the Rural—Policy, Strategy and Governance, The Multifunctional Countryside, Research Methodologies; Practising Rural Geography, Rural Development and Communication for Rural Innovation, Rural Community and Field-based Learning (International Field-Based Learning Experience), Dissertation.

Career Prospects

As a graduate, you will be equipped to work in a variety of contexts requiring the ability to conceptualise rural-related issues and apply this knowledge to policy, management and consultancy scenarios. Potential employers include national and international organisations with a rural development remit, groups and



consultancies related to government programmes, and government departments. This MA programme can also become a stepping stone to PhD research.

MA Screenwriting PAC Code: GYA38

PG

Course Outline

The year is divided into two teaching semesters: September to December and January to April. During the first semester, students focus on the craft of dramatic writing and develop a feature film idea to treatment stage. This is complemented by the study of American film history and practical experience of collaborative short film-making. The second semester expands into wider areas of screen narrative, including TV and web drama, through a series of practical, immersive workshops with industry professionals. Students develop either a first draft feature film or TV drama screenplay and focus on the study of European film history. The summer period is given over to writing the final draft of a feature length screenplay or TV drama script and bible. The course is a full-time, 12-month programme, which runs from September to August of each year.

Career Prospects

Many graduates have found work as writers. A number have written and directed short films and had work supported by funding bodies and broadcasters, including the Irish Film Board, Filmbase, RTE and BBC NI. Some have founded their own production companies and many work in script editing. A recent student, Will Collins, saw his feature screenplay, *My Brothers*, produced. It was directed by Paul Fraser and has screened successfully at many international film festivals.

MA Social Work PAC Code: GYA40

PG

Course Outline

Students complete two practice

placements as well as a range of modules, such as Social Work Practice and Theory, Law and Human Rights, Social Policy, Mental Health and Health Promotion, Working with Vulnerable Children and Adults, Crime Reduction and Probation Work, and Human Behaviour and the Social Environment.

Practice placements are carried out in a variety of settings, including those dealing with child protection, domestic violence, mental health, disability and older people.

Career Prospects

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 HSE, the Department of Justice's probation services and local authorities. The non-governmental sector includes specialist services for children and adults. Agencies in this area include the Brothers of Charity, the Western Care Association, DeafHear, the National Council for the Blind, COPE Galway, Clarecare, Enable Ireland and Barnardos.

MA Spanish PAC Code: GYA41

PG

Course Outline

The programme includes such modules as:

Advanced Language Skills I and II in Spanish, Translation Studies I, Latin American Literature I and II, Language and Intercultural Communication, Translation Methodology, Research Methods

Career Prospects

Graduates of the MA (Spanish) have gone on to do second- and third-level teaching and doctoral and translation work. They have also found employment in media, administration, cultural activities and journalism.

MA Texts, Technologies & Transitions 1350–1800 PAC Code: GYA51 Course Outline

PG

You will explore the social lives of texts, as well as the technologies that have shaped literature through time. Designed for graduates from across the Arts, Humanities and Social Sciences and housed in English, this programme combines a strong focus on literary history with a commitment to multidisciplinary enquiry. Our staff have strengths in the growing fields of Book History, Textual Studies and Digital Humanities. Furthermore, our university currently hosts the prestigious, European Research Council-funded project, 'The Reception and Circulation of Early Modern Women's Writing, 1550–1700', as well as a major, multi-year project on the travel writings of Richard Hakluyt (www.hakluyt.org). As such, this MA will particularly suit students who wish to learn more about—and become involved in—cutting-edge, contemporary research in the humanities.

Career Prospects

An MA in English is one of the most flexible postgraduate qualifications—widely recognised as a career-advancing asset both within and beyond the education, culture, media and knowledge industries. Graduates of programmes like ours have often chosen to go on to teaching, writing, editing, publishing, broadcasting or further academic research (e.g. PhDs). While these remain common career paths, the excellent oral and written communication skills, the advanced research skills and the critical thinking skills that an English MA cultivates are highly valued by employers in both the public and private sectors, and a qualification like this might alternatively lead you to a future career in marketing, sales, arts administration, IT, public relations or human resources.



MA Theatre Practice and Production

PAC Code: GYA24

PG

Course Outline

Students choose six modules (three in each semester) from the following: Ensemble Acting and Devising, Writing about Theatre and Performance, Irish Theatre in Practice, Theatre Theory, Theatre for Children and Young People, New Approaches to Performance, Performance Lab, Directing for Stage, and Theatre Business (includes internship).

In addition, students complete a dissertation. The dissertation involves the staging of a theatre

production or performance, which students then write about reflectively.

Career Prospects

The course is geared towards 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.

MA Translation Studies

PAC Code: GYA42

PG

Course Outline

The programme includes such

modules as:

Advanced Language Skills I and II in Spanish/French/Italian/German, Translation Studies I, Translation Methodology, Language and Intercultural Communication

Career Prospects

Graduates have gone on to pursue careers in a range of fields, including second - and third-level teaching, translation work and journalism.

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.

MA Values and Knowledge

PAC Code: GYA06

PG

Course Outline

The relation between values and knowledge is a central concern for any society. At present, it is widely assumed that the pursuit of knowledge is valuable only to the degree that it has measurable practical benefits as an outcome. Our MA programme offers a context for detailed consideration of this assumption. We identify and question the issues involved in it at deeper levels of analysis than are available through ordinary discussion.

This high level of critical scrutiny is made possible through the programme's broad philosophical perspective—engaging with questions arising in other disciplines also. More specifically, our programme provides an in-depth study of different forms of value in terms of both their cognitive basis and their relation to other areas of knowledge and activity. We also consider the way in which knowledge has been defined and theorized since the Enlightenment. The programme combines historical perspectives and contemporary critical debates so as to provide a fund of analytic and argumentative skills that are advantageous for

further work in philosophy or for competing in the job market.

Career Prospects

Graduates with this qualification will be eligible for doctoral research and careers in the public and social services, NGOs and journalism.

MA Writing

PAC Code: GYA46

PG

Course Outline

Students take six courses in total. One of these is a year-long compulsory one: the Writer's Seminar. In addition, students elect five other semester-long courses, two from one semester, and three from the other.

As well as workshop-based courses in Poetry, Fiction, Nonfiction, Playwriting and Screenwriting, there are courses on Contemporary Publishing, Book History, Reviewing, Literary Journalism, Copy-editing and Proofreading, Travel Writing, Manuscript Cultures and Working with Archives. The summer period (April-August) consists of

independent project work focused on the development of a Final Portfolio.

Career Prospects

Graduates have progressed to various doctoral programmes in the Humanities—and it is now also possible to undertake a practice-based PhD in English at NUI Galway. Graduates have also gone on to doctoral programmes in the humanities, teaching in secondary schools, employment in journalism, magazine editing, travel writing, technical writing and public relations, and publishing anthologies and books of poetry, fiction and nonfiction.

MA Writing for Theatre

PAC Code: GYA05

PG

Course Outline

All students take the following four courses, each worth 10 ECTS: Playwright's Workshop I, Writing about Theatre and Performance, Reviewing Theatre in Ireland, Playwriting.

They then choose two optional modules from the following list: Playwright's Workshop II: Adaptation, Irish Drama and Theatre from Beckett to the Present, The Abbey Theatre Digital Archives, Druid Archives, Theatre Theory, Irish Drama and Theatre from Wilde to O'Casey, Irish Drama and Theatre from Beckett to the present.

During the summer, students complete a major portfolio involving the production of a substantial selection of play reviews, the completion of a play or suite of plays, or a lengthy piece of non-fiction (including creative non-fiction) about theatre.

Career Prospects

Graduates will write professionally for or about the theatre, whether as playwrights, critics, dramaturges, directors, or scholars.



College of Business, Public Policy, and Law

www.nuigalway.ie/business-public-policy-law/

The College has an international reputation for research with a multitude of inter-disciplinary research activity. We are committed to improving our understanding of innovation and social entrepreneurial strategies. Our researchers examine economic innovation and social change and different academic disciplines in the social sciences to explore issues of innovation, social inclusion, balanced development and health. We have a world leading centre on agile and mean management funded by many leading multinationals such as HP, Dell, Intel, and Ericsson. Our 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. As part of the Institute for Lifecourse and Society, our Centre for Disability Law and Policy focuses on advancing social justice and human rights for persons with disabilities through legislative and policy reform and our Irish Centre for Social Gerontology aim to develop an understanding of gerontological questions with a view to promoting a more holistic and positive view of ageing and life-course issues. The Whitaker Institute has an innovative, multidisciplinary and transformative approach in its research on the challenges facing business and society in Ireland and internationally.

Innovation: Creativity and Enterprise – ICE **A partnership with business to drive innovation with students**

Final year students in the J.E. Cairnes School of Business & Economics are provided with the opportunity to put the business knowledge they have gained through their studies into practice through a module in Innovation: Creativity and Enterprise (ICE).

Developed in conjunction with entrepreneur Pádraig O'Céidigh, the module involves partnering with local business leaders to provide opportunities for all students to engage in projects, requiring them to innovate in a variety of interesting areas in a business or community setting.

More than 30 local business and community leaders get involved each year, mentoring students in group-based projects, requiring them to innovate in a variety of interesting areas.

Fee Information:

Undergraduate Fees: €12,750
Postgraduate Fees: €13,250

English Language Requirements:

IELTS 6.5 with not less than 5.5 in any component

Entry Requirements:

Please visit website for further information about specific programmes and qualifications by country
<http://www.nuigalway.ie/international-students/>



Bachelor of Commerce (Global Experience)



Global Experience: Work Placement / Study Abroad

Work Placement partners include:

Abbott, Accenture, Alkermes, Aviva, Boston Scientific, Grant Thornton, KPMG, Mazars, Medtronic, PwC, Wayfair, Zurich

Study abroad partners include:

University of California, California
University of Maryland, Baltimore County, Maryland
Villanova University, Pennsylvania
American University, Washington DC
Clarkson University, New York
Montana State University, Montana
HK University of Science and Technology, Hong Kong
University of Technology, Sydney
Uppsala Universitet, Sweden
University of Hertfordshire, England
University of Groningen, The Netherlands
EBS Business School, Wiesbaden, Germany
Katholieke Universiteit Leuven, Belgium
ESC Rennes, France

For students abroad, tuition is through English and students can study both business and non-business modules.

Course Outline

Year One

Principles of Microeconomics/Macroeconomics, Introduction to Management Accounting/Financial Accounting, Business Information Systems and Information Management for Business, Mathematics and Statistics for Business, Foundations of Marketing Thought, Contemporary Management Thought. Choice between a language (Spanish, German or Italian) or Skills for Success and Business Law I

Year Two

Inferential Statistical Methods for Business, Marketing Management, Organisational Psychology, Applied

Microeconomics for Business, Management Accounting I, Skills for Business, Business Finance I, Work and Employment Relations, Macroeconomics and the Business Environment, Information and Operations Management. Plus two optional modules from the following: International Financial Reporting I, Introduction to Financial Economics, Economics of Public Policy, The Psychology of Consumer Behaviour, Information Systems and Project Management, Advanced Statistical Methods for Business, Management of Organisational Change, Business Law II, Doing Business in China - Chinese Language & Culture I

Year Three

One semester studying abroad in the USA, Australia, China/Hong Kong or Europe and one semester on work placement in Ireland, or full academic year of study abroad, or full academic year of work placement.

Year Four

Ireland in the Global Economy, Ethics and Corporate Social Responsibility, Business Strategy, Innovation: Creativity and Enterprise. Specialise in a business discipline/stream: Accounting & Performance Measurement, Economics & Public Policy, Management of Human Resources, Digital Business & Analytics, Marketing Management, Finance, Business Law, International Business. In addition to the above listed disciplines/streams, students may take optional modules. Examples of optional modules include: Web and Interactive Media Design, Brand Management, Taxation, Cloud Computing, New Enterprise Development, Health Economics, Operations Strategy, Global Marketing Cross Cultural Management, International Economics

Career Prospects

Graduates are highly successful and sought after in all areas of business, including Accounting, Management consultancy, Taxation, Public service, Commercial advisory services, Economic policy advice, Marketing, Human resource management,

Information systems management, Finance, Personnel management, Teaching and/or research. The work placement and international study experience increases the career opportunities, both at home and abroad.



I am a huge advocate of the new four year Commerce degree. At Facebook we have a saying 'fortune favors the bold' - be bold. Take the opportunity to experience new cultures or work environments and come back with stories to tell. Our world is changing at an unprecedented speed, to flourish future graduates will need to adapt to an ever more global work environment. Since leaving NUI Galway my career has taken me to Deloitte, Microsoft & Facebook but I look back fondly on those years.

**Majella Mungovan,
Facebook EMEA Finance
Director**



Key Fact

Students develop skills inside and outside the lecture to make them work ready. This culminates in a Dragons Den-type finale to our Innovation: Creativity and Enterprise module, where students are mentored by industry experts to pitch their innovative ideas.

Bachelor of Commerce & Bachelor of Commerce (International)



100 years of the BComm at NUI Galway

Course Outline

Year One

Core modules in Accounting, Business Information Systems, Economics, HRM, Marketing and Maths & Stats for Business.

Option between a modern language or Skills for Success and Business Law I.

Year Two

Core modules in Statistical Methods for Business, Marketing Management, Organisational Psychology, Applied Microeconomics for Business, Management Accounting I, Skills for Business, Business Finance I, Work and Employment Relations, Macroeconomics and the Business Environment, Information and Operations Management. In addition, two optional business modules.

Optional Global Experience Year

There are limited places available, allocated on the basis of merit and student performance. One semester studying abroad in the USA, Australia, Hong Kong/China or Europe and one semester on work placement in Ireland, or full academic year of study abroad, or full academic year of work placement.

Final Year

Core modules in Ireland in the Global Economy, Ethics and Corporate Social Responsibility, Business Strategy and Innovation: Creativity and Enterprise. One specialism from the following: Accounting & Performance Measurement, Economics & Public Policy, Management of Human Resources, Digital Business & Analytics, Marketing Management, Finance, Business Law or International Business. In addition, optional modules are offered.

The **Bachelor of Commerce**

(International) programme is a four year degree combining business with four years of a language (either French, German or Spanish), including one year abroad (in France, Germany, Austria, Spain, Mexico or Chile) studying in the language of your programme. Graduates of this internationally recognised degree not only have a great business qualification but also a modern foreign language which is highly sought after in today's competitive global job market.

Graduates are highly successful and sought after in all areas of business. Our graduates go on to work in a wide variety of careers, including:

Career Prospects

- Accounting
- Management consultancy
- Taxation
- Public service
- Commercial advisory services
- Economic policy advice
- Marketing
- Human resource management
- Information systems management
- Finance (including banking and insurance)
- Personnel management
- Teaching and/or research

**Commerce with French
Commerce with German
Commerce with Spanish
Commerce with Gaelige**



Often when people realize I am from a foreign destination I am asked the same question: "Why did you leave California for Galway?" The answer is simple enough. The culture, lifestyle and education programs far exceed anything I felt I

could have received at home. In most European universities, from the moment you begin your course you are studying what you wish to pursue your career in. In addition to the straight-forward education system, Ireland and its people have a reputation for being THE friendliest and liveliest European country.

**Siobhan Allaeddini
B. Comm. 2013, USA**



Bachelor of Science Business Information Systems



The EPAS accredited BSc Business Information Systems programme provides students with grounding in the fundamentals of business, together with a specific expertise in information systems for business. The programme has been supported with very significant resource investment, especially in terms of facilities and infrastructure. The programme places a strong emphasis on international issues and preparing graduates for work in an inherently multinational environment. The international programme elements have been drawn together within the Global Learning Initiative, which includes international work and study opportunities, international Virtual Teams, compulsory study of International Business and international study trips, amongst other things.

To the extent that it now has a dedicated supporting infrastructure (pedagogical and physical facilities) that is on a par with, or exceeds, that of most comparable programmes internationally. This infrastructure feeds into the specific pedagogical needs of the programme, which

relies heavily on technology.

The programme is delivered by a sufficient and appropriately qualified faculty team, primarily made up of core faculty. A significant proportion of faculty is research active in international terms and research has been specifically integrated into the programme, primarily through the integration of the research theme of Enterprise Agility throughout the programme.

In addition, the faculty team includes a high proportion of members who are either of international origin or who have specific international experience, providing an expanded international perspective. The programme has also developed a set of dedicated international academic alliances (primarily with US-based schools) that focus on the specific needs of the BSc. BIS programme (these partnerships are not part of the wider School or University networks), and which have been developed to provide multi-dimensional relationships, covering research, teaching, virtual teams and exchange opportunities.

The programme has close links with the corporate world, through the Industry Engagement Initiative, which brings together the different strands of corporate connections. These include work placement for all students; site visits to leading multi-national companies; and membership of SAP and the Microsoft University Alliance providing access to the latest industry software.

Course Outline

Year One

Introduction to Management Accounting, Principles of Microeconomics, Business Information Systems, Business Systems Analysis, Information Systems Technology, Business Application Development I, Introduction to Financial Accounting, Principles of Macroeconomics, IS & Project Management, Business Systems Design & Implementation, Business Data Communications, Business Application Development II

Year Two

Management, Quantitative Techniques for Business, Management Accounting I, Web and Interactive Media Design, Database Technologies, Advanced Application Development I, E-Business Strategy and Practice, Business Finance I, Enterprise Systems, Information & Operations Management, Advanced Application Development II, Decision Modelling & Analytics

Year Three

Applied Systems Analysis, E-Business Technologies, Advanced Database Technologies, Networks and Communications, Professional Experience Programme, Contemporary Project Management, Plus one of the following: Marketing Principles, Skills for Business

Year Four

Business Intelligence & Analytics, Contemporary Issues in Information Systems, Information Systems Strategy and Planning, International Business, Business Strategy, Cloud Computing, Plus one of the following: Applied Microeconomics for Business, New Enterprise Development, Media & Marketing Communications, Operations Research, User Experience Design, Contemporary Project Management, Lean Principles for the IS Professional, Doing Business in China - Language & Culture I, Macroeconomics and the Business Environment, Introduction to Financial Economics, Economics of Public Policy, Management of Organisational Change, Cross Cultural Management, Global Marketing Logistics and Transportation, Operations Strategy, Innovation, Creativity & Enterprise, Doing Business in China - Language & Culture II

Career Prospects

There are excellent career opportunities for BIS graduates. Many students receive employment offers prior to graduation. Past graduates are currently employed in companies such as Google, Accenture, Deloitte, Microsoft, SAP and Storm. Your degree will have a particular relevance for start-up

enterprises, telecommunications, software companies, management consultancy and business and financial industries.



B.Comm. Accounting



Year One

Principles of Microeconomics/Macroeconomics, Introduction to Management Accounting/Financial Accounting, Business Information Systems and Information Management for Business, Mathematics and Statistics for Business, Business Law I, Skills for Success, Contemporary Management Thought, Foundations of Marketing Thought

Year Two

Statistical Methods for Business, Applied Microeconomics for Business, Auditing, Assurance and Governance, Management Accounting I, Skills for Business; Macroeconomics, International Financial Reporting II and III, Macroeconomics and the Business Environment, Business Finance I, Information and Operations Management, Plus two optional subjects from the following: Information Systems Management, Work and Employment Relations, Introduction to Financial Economics, The Psychology of Consumer Behaviour, Economics of Public Policy, Business Law II, Advanced Statistical Methods for Business, Doing Business in China-Language & Culture I

Optional Global Experience Year

- One semester studying abroad in the USA or Europe
- One semester on work placement

Final Year

Advanced Financial Accounting, Management Accounting II & III, Taxation I & II, Business Finance II, Innovation, Creativity and Enterprise, Law, Plus four optional subjects from the following areas: Economics, Operations/Logistics, Information Systems, Human Resources, Marketing, Law, Accounting Internship

Career Prospects

Our graduates have had excellent success in securing employment as trainee accountants in all types of accountancy practices. The majority of students have secured graduate employment prior to completing their degree. Graduates may also find employment in financial services, taxation, banking, manufacturing and other industries.



My experience on the Bachelor of Commerce (Accounting) degree at NUIG has been thoroughly enjoyable. Lecturers are very nice, knowledgeable and approachable and they are always willing to offer help for any questions you have. We have a relative small class size than general commerce so you can learn more efficient in lectures and don't feel shy to ask questions in class. There are also a lot of clubs and societies on campus and will brighten your university life. You will also develop skills you will need for future career from voluntary work. We also have

MSc Business Analytics

PAC Code: GYC36



Course Outline

The programme incorporates the latest research in Business Analytics into the curriculum. The programme includes a detailed group research project in Business Analytics. This project is completed during the Summer months and will focus on a real industry or business problem and students will be required to make recommendations to industry partners on the basis of what they have discovered in their project.

The programme is a taught Masters programme and consists of lectures, workshops, guest lectures from industry experts, and hands-on technology tutorials. Modules are assessed via continuous assessment, written assignments, applied projects and written examinations.

The programme is comprised of the following modules:

Database Systems, Business Applications Programming, Strategic Management, Decision Systems & Business Analytics, Statistical Techniques for Business Analytics, Decision Theory & Analysis, Advanced Applications Programming, Enterprise Systems, Information Systems Security & Ethics, Information Systems Strategy & Innovation, Applied Customer Analytics, Data Science & Big Data Analytics, Business Intelligence with SAP, Project.

Career Prospects

The Expert Group on Future Skills Needs in Ireland, expect that in the next 7 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.

many opportunities for internships and international year study, which can provide you a great study experience in a different country and valuable working experience as well. I would recommend this degree to anyone who wants an enjoyable but professional and high achieving degree programme in accounting.

Xiaoqing, Liu - 2nd year Bachelor of Commerce (Accounting student), China



MAcc Accounting

PAC Code: GYC00



Course Outline

The programme includes such modules as:

Financial Accounting, Management Accounting, Taxation, Auditing, Finance, Skills for Accounting, Research and Practice, Management Information Systems, Strategic Management, Accounting Research Project.

Career Prospects

A wide range of career choices are open to graduates, in particular in the accounting and tax consultancy professions. Most participants on the programme are sponsored (and subsequently employed) by major accounting firms, such as KPMG, PricewaterhouseCoopers, Deloitte, and Ernst & Young

MSc Health Economics

PAC Code: GYC26

PG

Course Outline

The course consists of eight taught modules, an internship and a minor dissertation. The taught modules include several modules in health economics such as Economics of Health and Social Care, Economic Evaluation in Healthcare, Health Systems and Policy Analysis, and Applied Health Technology Assessment and Decision Modelling. The programme also includes taught modules in subjects such as Econometrics and Cost Benefit Analysis.

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.

Career Prospects

Graduates have embarked on a range of careers in areas like the pharmaceutical industry, management consultancy, and the voluntary and public sectors, as well as taken further education at PhD level or sought research assistantships.

MSc Human Resource Management

PAC Code: GYC02

PG

Course Outline

This programme is designed to help you to develop a thorough knowledge and applied competence in the fundamentals of human resource management and employment relations. It is accredited by the Chartered Institute of Personnel and Development (CIPD), the professional body for human resource practitioners. There are seven compulsory modules: Leading, Managing & Developing People, Global Business

& HR in Context, Employment Relations & Law, Research Methods, Reward Management, Learning & Development and International HRM. You can choose between two optional modules: Business Ethics & Corporate Social Responsibility or European Labour Markets (ELM). ELM is taught over a one-week period in May at the Toulouse Business School. You will also complete a business project, often within an organisation on a topic that you choose.

The MSc Human Resource Management was shortlisted for the national Postgraduate Course of the Year (Business) Award in 2013.

There are ten modules: People Management and Development, Employee Relations, Human Resource Development, Reward Systems, Industrial Relations and Employment Law, Skills for Business Leadership, Strategic Management, International HRM, Leadership and Change, and Research Methods. You will also complete a minor dissertation, often within an organisation on a topic that you choose. If you are planning to become a member of the Chartered Institute of Personnel and Development (CIPD), the professional body for human resource practitioners, you will complete a management report based on the findings in your dissertation and a professional development log.

Career Prospects

Our students are employed nationally and internationally in HR specialist, specialist and intern positions at Alkermes, Beckman Coulter, Boston Scientific, Comfort Keepers, CPL Recruitment, Dunnes Stores, Forest Laboratories, Google, the HSE, Kerry Group, IBEC, Intel, The Irish Times, Matrix Recruitment and Medtronic. A number of graduates have continued their education to PhD level.

MSc Information Systems Management

PAC Code: GYC24

PG

Course Outline**Subjects:**

Web Design and Development, Interactive Systems Design, Business Data Communications, Systems Development and Project Management, Database Systems, Business Applications Programming, Information Systems Management, Enterprise Systems, Applied Systems Analysis, Project, Information Systems Strategy and Innovation, Information Systems Security and Ethics, Decision Systems and Business Analytics and Advanced Applications Programming. A major group project must also be completed by the end of June. A variety of sought-after technical skills are covered in these courses, using leading-edge industry software such as SQL, Visual Basic, Java, HTML, CSS, XML, PHP, Dreamweaver, Flash, Photoshop, Visual Paradigm, DBDesigner, Microsoft Visio, UML, Linux, database design, business process modelling, usability/accessibility principles and software quality techniques. The 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 Prospects

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 in Ireland of last year's graduates include Google, Hewlett Packard, Bearing Point Consulting, Information Mosaic, Ericsson, Medtronic, Avaya, Metalogic, Paddy Power, Xilinx and Dell Computers.

MEconSc International Finance

PAC Code: GYC10

PG

Course Outline

The programme includes such modules as: Macroeconomic Theory and Policy, International Finance, Financial Econometrics 1 (Time Series Analysis), Seminar in Financial Economics 1 (Portfolio Theory), Quantitative Methods in Finance, International Monetary Economics, Applied Portfolio Management, Seminar in Financial Economics 2 (Derivatives and Risk Management). Students also complete a minor dissertation.

Career Prospects

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. This programme can also be a stepping stone to a PhD programme.

**MSc International Management**

PAC Code: GYC19



PG

Course Outline

You will critically examine the complexities of international management and the impact of culture, and local and global norms on business. You will develop critical insights into key functional aspects of international management (e.g., strategy, global marketing, international corporate finance, international HRM), set within a framework of cross cultural management and how to link these dimensions to the key driver of organisational competitiveness sustainability: innovation.

In addition, you will assess the ethical complexities involved in managing global organisations and the factors involved in responsible decision making. You will have the opportunity to synthesise theory and practice through an international study tour (which, in previous years, has been to Hong Kong).

The MSc International Management was awarded the Best National Postgraduate Course of the Year (Business) Award in 2013.

Semester I modules:

Global Business and HR in Context,

Cross Cultural Management; Business Ethics & Corporate Social Responsibility, Irish Economic Policy, Research Methods, Strategic Management

Semester II modules:

International HRM, Innovation Management, Global Marketing, International Corporate Finance, Doing Business Abroad, or Research Project

Career Prospects

Graduates of the International Management programme have an excellent employment track record. Employment profiles of a sample of our recent graduates are as follows: Area Manager, Kumon, London; Business Marketing Specialist at Telefonica (O2), Dublin; Client Service Executive at IMS Health in Dublin; Investment Banker at Jeffries, London; as well as managerial appointments in Amazon, Google, McKinley Recruitment, Medtronic and Qualtrics.

“

The Masters of International Finance programme at NUI Galway equipped me with advanced quantitative tools and techniques, which allowed me to stand out and work in a competitive Fortune 500 company. The program exposed me to several fields in finance and quantitative research that enabled me to think outside the box and adapt to a variety of sectors

Anthony Patrick Saoud - 3M Data Analyst, Canada Graduate | 2014

”



International Management at NUI Galway has been excellent course for me; it helped me to gain insights into the global world academically. Its a great opportunity to assimilate and interact with people of diverse nationalities and cultures under one roof. If you love innovative and creative ideas with global perspective, this course is definitely for you. It has been a very good learning experience and good in terms of employability, many of my classmates are already in the interview rounds. Also, I would like to highlight that this programme is an award winner – 2013. So, it is challenging to get in it, and enormous learning outcomes to be a true global corporate leader.”

**Janvi Shah -
MSc IM Student
2014-2015, India**



**MSc (International
Marketing & Exporting)** PG
PAC Code: GYC32

Course Outline

Global markets abound with opportunities for profit. Today, not only large corporations, but also small start-up firms can conduct business anywhere in the world. Advanced communication tools, global distribution networks and, of course, the internet have opened

world markets to any organisation. Its managers may well encounter challenges associated with an unfamiliar culture, diverse laws and regulations or restrictions imposed by the host country's government. Ultimately, managers can only implement effective marketing strategies if they know the marketing fundamentals, have insight into the international market's unique characteristics and develop a global marketing strategy. This provides a foundation for thinking globally and reaching international markets and customers.

The programme prepares students to work in international marketing or global business domestically with international business clients or pursue employment abroad. Graduates of this programme may find employment as marketing managers, market research analysts or export managers.

Semester 1 Courses:

Research Methods, Marketing Innovation & Commercialisation, Digital Marketing, Services Marketing, Marketing Performance & Productivity

Semester 2 Courses:

International Marketing & Exporting, Global Business To Business (B2B) Marketing, Negotiations, Cases in Marketing Management, Brand Management, Marketing Analytics, Social Marketing & Sustainability, Dissertation

**MSc (Marketing
Management)** PG
(Full-time & Part-time)
PAC Code: GYC34

Course Outline

The MSc in Marketing will enable recently qualified graduates to develop an interdisciplinary, theoretically informed and practical understanding of marketing to enable them become effective and successful leaders in a complex and dynamic global marketplace.

This specialised and innovative full-time and part-time postgraduate

programme has been purposely created to meet the needs of graduates who aspire to pursue challenging senior career opportunities in the marketing profession. There is a strong emphasis on strategic decision making and on socially responsible marketing, and the role of marketing within society. Students will be exposed to the latest cutting edge ideas, techniques and marketing frameworks through the analysis of industry best practice.

The programme will also appeal to graduates in non-business subjects who wish to develop a career in Marketing. Graduates have found employment in such companies as GlaxoSmithKline; Kerry Group, Vodafone, Microsoft, Tourism Ireland, Smyths Toys & LinkedIn.

Semester 1 Courses:

Strategic Marketing, Research Methods, Marketing Innovation & Commercialisation, Digital Marketing, Services Marketing, Marketing Performance & Productivity, Business Ethics & Corporate Social Responsibility

Semester 2 Courses:

Cases in Marketing Management & Strategy, Brand Management, Marketing Analytics, Social Marketing & Sustainability, Global Business To Business (B2B) Marketing, Dissertation

Career Prospects

Gaining the MSc (Marketing Management) will enable graduates to build successful marketing management careers in a wide variety of industries, sectors and organisations including pharmaceutical companies, publishing companies, banks, consumer products companies and business-to-business. A growing trend is the utilisation of marketing by non-profit organisations. Colleges, art organisations, libraries and hospitals are increasingly hiring marketing professionals to manage their diverse marketing activities.

Graduates will acquire specialised skills and competencies that will enable them to pursue

positions in many fields, including: Business Development, Marketing Management, Market Research, Strategic Marketing, Account Management, Customer Relations Management, Customer Service, Retail, Public Relations, Consultancy

**MSc Marketing
(Professional Selling
& Sales Management)** PG
PAC Code: GYC31

Course Outline

This MSc Marketing (Professional Selling & Sales Management) is a full-time postgraduate programme that has been developed specifically to meet the needs of recently qualified graduates who aspire to pursue challenging senior career opportunities in the marketing profession, particularly in the area of Professional Selling & Sales Management.

Personal selling is still the largest item in most companies' marketing budget. Understanding the key success factors in respect of each stage of the sales process and using this understanding to address opportunities or challenges within the sales approach of any business enterprise.



**MSc Marketing
(Technology &
Innovation)** PG
PAC Code: GYC33

Course Outline

The marketing of technology and innovation is one of the most important challenges facing businesses today. Innovation has become the fundamental driver of competitiveness for firms of all sizes in virtually all business sectors. Many of the tools and techniques used in the management of R&D, new product and service development, operations and technological collaboration, can't be fully effective unless they are guided by a strategy that is fully informed by the marketplace. In this programme students learn how top technology and innovation marketers balance discipline and imagination to address these new marketing realities.

No prior knowledge of business is required for this course. Three of the modules are delivered in conjunction with UL and UCC under the auspices of the Atlantic University Alliance (AUA) and students may be required to attend workshops in all three Universities (NUI Galway, UL & UCC).

The programme prepares graduates for marketing positions in business, particularly in the area of Marketing Technology and Innovation. Graduates can expect to work as marketing and sales managers in the areas of healthcare, pharmaceuticals, biotechnology, IT and software, high tech manufacturing and telecoms related businesses.

Semester 1 Courses:

Product Design & Development, Marketing Technology Products, Research Methods, Marketing Innovation & Commercialisation, Digital Marketing, Services Marketing, Marketing Performance & Productivity

Semester 2 Courses:

Technology Innovation and Entrepreneurship, Cases in Marketing Management & Strategy, Brand Management, Marketing Analytics, Social Marketing & Sustainability, Dissertation

The programme will also appeal to graduates in non-business disciplines who wish to develop a career in Sales & Marketing.

Semester 1 Courses:

Selling & Sales Management, Research Methods, Marketing Innovation & Commercialisation, Digital Marketing, Services Marketing, Marketing Performance & Productivity

Semester 2 Courses:

Cases in Marketing Management & Strategy, Brand Management, Marketing Analytics, Social Marketing & Sustainability, Global Business To Business (B2B) Marketing, Negotiations, Dissertation

Career Prospects

One of the oldest truisms of business is that "nothing happens until somebody sells something".

As a career opportunity, starting in sales is an excellent choice. The starting salaries of sales people are often significantly greater than for other positions (about 20% greater than other marketing positions). Many CEOs and senior managers started in sales.

MSc (Digital Marketing)

PAC Code: GYC39

PG

Course Outline

Digital marketing extends beyond internet marketing, making use of mobile telephony, digital display advertising, and other forms of digital media. However, Marketing in the digital age does not exist in a silo, independent of other marketing principles (e.g. pricing, distribution or customer service) and should therefore digital marketing should be considered more widely.

Our full-time, one year programme is designed to include students with little or no business and marketing and will provide them with a highly advanced qualification, both theoretical and practical, that will boost their career prospects. It thus provides an excellent opportunity for graduates in all subject areas to achieve a qualification and skills that are universally sought after by employers.

Semester 1 Courses:

Research Methods, Marketing Innovation & Commercialisation, Digital Marketing, Services Marketing, Marketing Performance & Productivity (delivered on-line), Advanced Topics in Digital Marketing Practice

Semester 2 Courses:

Digital Marketing Strategy (delivered on-line), Cases in Marketing Management & Strategy, Brand Management, Marketing Analytics, Social Marketing & Sustainability

Digital marketing is an established, and increasingly important, subfield of marketing brought about by advancements in digital media technologies and digital media environments. Graduates can expect to find employment as Digital Strategists, Online Product Managers, Creatives, Digital Marketing Executives, Online Marketing Directors, Digital Campaign Managers, and Online Advertising Account Managers.

MEconSc Natural Resource Economics and Policy

PAC Code: GYC09

PG

Course Outline

This is an innovative programme for students interested in contributing to environmental policy and sustainable long-term management of rural and urban natural resources. It aims to equip graduates with quantitative modelling skills to meet the diverse challenges of

global climate change, sustainable development and environmental governance. You will take courses in subjects such as Microeconomics, Natural Resource Governance, Renewable Energy Economics and Policy, Agricultural Economics and Policy, Marine Economics and Policy, Microeconomics, Economic Modelling, and Cost Benefit Analysis and Evaluation. In addition to coursework, students also complete a minor dissertation as part of a research work placement over a three month period.

Current debates in Ireland and Europe in relation to agricultural policy, food security versus bio-fuel production, fisheries management, offshore energy, marine spatial planning, and 'green' and 'blue' growth clearly demonstrate the importance of thinking about our natural resources with an economist's perspective. In particular, the programme considers how economic modelling tools can be used to contribute toward the development of an economy's marine and agricultural sectors and, more generally, an environmentally sustainable economy. Particular emphasis is given to the use of quantitative economic modeling techniques and its application to environmental problems and marine and agriculture policy issues. The programme is directed by a team



Natural Resource Economics and Policy students from last year's class on a field trip on the national research vessel the Celtic Explorer. This field trip forms part of the marine economics and policy module and is done every year.



of highly-respected teachers, researchers and consultants within the School of Business and Economics at NUI Galway. NUI Galway is also fortunate to be in close proximity to, and have a close relationship with, the Rural Economy Research Centre, Teagasc and the Irish Marine Institute. As such, Agricultural and Marine Policy researchers within both organizations will participate in the delivery of the programme and both organizations will facilitate the placement of a number of students for work experience and the completion of their minor dissertation.

Career Prospects

There are opportunities in environmental economics, development economics and agricultural economics, and graduates have gone on to do PhDs or have found employment in government departments, international environmental and development agencies, in land and coastal area-management, and in renewable energy sectors.

MSc Strategy, Innovation, and People Management

PAC Code: GYC01

CIPD
Approved centre**Course Outline**

This acclaimed programme provides students with analytical and applied understanding of strategic management, innovation and people management and their interfaces in the knowledge-based, global economy. The programme aims to provide rigorous exposure and insight to theory and practice, foster critical thinking and equip graduates to work in variety of settings. The MSc SIPM is approved/accredited by the Chartered Institute of Personnel Development (CIPD) at the advanced standards level. Successful students can anticipate, after completing the necessary experience requirement, supplementing their MSc degree with the recognised, global professional qualification in HRM.

Semester 1:

Strategic Management; Leading, Managing and Developing People; Global Business and HR in Context; Business Ethics & Corporate Social Responsibility; Research Methods.

Semester 2:

Innovation Management; Learning and Development; Organisation Design and Development. Year-Long: Research Project.

Career Prospects

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, Diageo, Dell, Deloitte, Enterprise Ireland (New York), Google, IDA Ireland, Jumeirah Hotels (Dubai), Mercer Consulting, Cambridge University (PhD), NUI Galway and the University of Limerick.

Bachelor of Civil Law (BCL)

UG

The BCL is a 3-year internationally recognised degree where all the core law subjects required by the professions are covered in addition to a range of optional subjects that students can choose from. Students can also take a language (Legal German, Legal French or Italian). Language and non-language students may choose to study abroad in 3rd year, return to NUIG to complete 4th year and graduate with a BCL International.

Course Outline**Year One**

Constitutional Law, Contract Law, Law of Torts, Irish Legal System, Sociology of Law, Intensive Legal Methods & Research I, Legal Procedure, French/German/Italian or Family Law

Year Two

Administrative Law, Company Law, Criminal Law, European Union Law, Intensive Legal Methods & Research II. Plus a number of options including: Health Law, Human Rights, Housing Law, Media Law, Criminal Justice, Intellectual Property, Law of the Sea, Information Technology Law

Year Three

Equity, Land Law, Plus a number of options including: Disability Law, Criminology, Environmental Law, English Land Law, Family Law, Jurisprudence, Evidence

Career Prospects

The Bachelor of Civil Law degree provides excellent preparation for work in a legal advisory capacity in the private or public sector. Most graduates undertake professional training and qualify as a solicitor or barrister.

Key Fact

The BCL offers extra-curricular opportunities to enhance your employability, including opportunities to volunteer with our Free Legal Advice Centre, avail of clinical legal placements, undertake an internship in the United States and participate in moot competitions. At the end of second year, students can choose to spend a year studying abroad.

Bachelor of Corporate Law (B Corp Law)

UG

The B Corp Law is a 4-year degree and allows students interested in business and law to study a range of legal and business subjects. Students may take all core law subjects required by the professions and can also study a language (Legal German, Legal French, Spanish or Italian). Language and non-language students can choose to study abroad in year 3, return to NUIG to complete 4th year and graduate with a BCL International.

Course Outline**Year One**

Constitutional Law, Contract Law, Law of Torts, Irish Legal System, Legal Methods and Research, Introduction to Financial and Management Accounting and other business modules

Year Two

Company Law, Commercial Law, European Union Law, Economics, Management Studies, Management of Organisational Change, Language or Marketing/Business Finance

Year Three

Labour Law, Legal and Business Ethics, including a research essay. Plus a number of law or business options from the Year Four list below.

Alternatively, students may opt at the end of second year to spend their third year studying abroad in countries in Europe, North America or Asia

Year Four

Essay, Land Law, Equity, Plus Optional Law or Business Modules from the following representative list: Administrative Law, Evidence, Jurisprudence, English Land Law, Banking Law, Consumer Law Moot Court, ADR, Law of the Sea, Management Accounting, Business Finance, Taxation, Economics, Marketing Principles, Management

Career Prospects

The B Corp Law programme aims to prepare students for employment in the legal division of a company or business organisation, or for law-related positions in banking, insurance, financial or other small, medium and larger organisations. Many graduates undertake professional training and qualify as a solicitor or barrister.

Law in Bachelor of Arts

UG

The BA in Law allows students study law and other subjects of their choosing for 3 years. Students may then complete a 1-year postgraduate LL.B to cover the remaining core law subjects and other optional law subjects they are interested in. The benefit of this route is that students obtain 2 degrees in 4 years i.e. BA and LL.B.

Course Outline**Year One**

Law (Irish Legal System, Legal Skills and Law of Torts) plus two other subjects from the Arts subject groupings.

Year Two

Law (Constitutional Law, Contract Law, European Human Rights Law, Health Law, Law of the Sea, Legal Methods & Research) plus one other subject from the two taken in first year.

Year Three

Law (European Union Law, Criminal Law, Administrative Law) and the other subject chosen in second year.

In Second Arts, there is a limit of 100 on the number of students admitted to Law. Only students who pass First Arts as a whole, including Law, at the first attempt, are eligible for one of the 100 Law places in second year.

Career Prospects

Graduates are entitled to entry into the final year of the LLB programme to complete their study of the law modules required for entry to the legal professionals. Many BA (Law) graduates ultimately qualify as solicitors or barristers. Others have found their studies to be an ideal preparation for careers in areas such as journalism, the civil service, administration and non-governmental organisations.

Law in Bachelor of Arts (Public and Social Policy)

UG

Course Outline**Year One**

Key Issues in Irish Law, Irish Legal Systems, Law and Social Policy

Year Two

Sociology of Law, Constitutional Law, Health Law and Policy

Year Three

European Union Law and a choice of other law subjects from an extensive range of options.

Career Prospects

Graduates of this programme are entitled to entry into the second year of the LLB programme to complete their study of the law modules required for entry to the legal professionals. Many graduates ultimately qualify as solicitors or barristers. Others have found their studies to be an ideal preparation for careers in areas such as journalism, the civil service, administration and non-governmental organisations.

Law in Bachelor of Commerce

UG

Course Outline

A range of law subjects, including Business Law, Company Law and European Union Law, is offered in the B Comm programmes.

Career Prospects

Graduates of the Bachelor of Commerce programme who have taken approved law modules totalling 35 ECTS are entitled to entry into the second year of the LLB programme to complete their study of the law modules required for entry to the legal professionals. Many graduates ultimately qualify as solicitors or barristers. Others have found their studies to be an ideal preparation for careers in areas such as insurance, administration and other private sector bodies.

LLM International and Comparative Disability Law and Policy

PG

PAC Code: GYL11

Course Outline

Students are required to take two mandatory subjects: Foundational Theoretical Framework for Disability Law and Policy and Law, Regulation and Policy.

Thereafter students may choose four optional modules from the following: US Disability Law and Policy; Irish Disability Law and Policy; Regional Disability Law and Policy; Law and Policy on Independent Living; Legal Capacity Law and Policy; Mental Health Law and Policy; Inclusive Education Law and Policy; Advocacy and Access to Justice; Contemporary Challenges in Disability Law and Policy; and Lifecourse Issues in Disability Law and Policy.

Finally, over the summer months students will complete a dissertation on a subject of their choosing.

Career Prospects

Many graduates have gone on to read for PhD degrees, while others qualify professionally, enter academia as lecturers, or work for human rights organisations, non-governmental organisations, law firms or government departments.

**LLM International Criminal Law**

PG

PAC Code: GYL06

Course Outline

The module Introduction to International Criminal Law and the dissertation are compulsory. International Humanitarian Law and Procedure before International Criminal Courts and Transitional Justice are also recommended for ICL students.

Career Prospects

Students who have undertaken and successfully completed the programme tend to fall into one of four categories:

- (1) those who work within UN or UN-affiliated organisations;
- (2) those who work in NGO and quasi-NGOs—both human rights and development;
- (3) those who work in academic institutions or pursue a PhD/JD;
- (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 NYC), locally-based NGOs, trade and health organisations, domestic law firm work that draws on international legal mechanisms, and research-based work in university research centres, to name but a few. The main and sub categories are by no means exhaustive, but give a flavour of the different fields that students have pursued.

LLM International Human Rights
PAC Code: GYL00

PG

Course Outline

The coursework begins with a general introduction to the systems and documents of international human rights law, and proceeds to a series of specialised courses in such areas as minority rights law, regional human rights systems such as the European Convention on Human Rights, criminal prosecution by international tribunals of human rights violators, gender and child rights, refugees and asylum seekers, and international humanitarian law. The course emphasises the analysis and critique of international human rights law and legal regimes.

Career Prospects

Students who have successfully completed the programme tend to fall into one of four categories: those who work within UN or UN-affiliated organisations; those who work in NGO and quasi-NGOs—both human rights and development; those who work in academic institutions or pursue a PhD/JD; and those who work in diplomatic or government-based work (in the human rights unit of the Department of Foreign Affairs, for example).

Bachelor of Laws (LLB)
PAC Code: GYL13 (3 Years) GYL14 (4 Years)

PG

Course Outline

The LLB contains all the subjects needed for entrance examinations to the legal professions (solicitors and barristers) in Ireland, subject to prevailing entry rules. Moreover, by choosing certain subjects, students can become eligible for exemptions in relation to entry to the legal profession in England and Wales. Fundamental to the programme is a core module designed to equip students with critical legal research, writing and presentation skills. The optional subjects available are Administrative Law, Evidence,

Jurisprudence, English Land Law, Banking Law, Applied Legal Theory, Insurance Law, Consumer Law & Policy, Comparative Competition Law, Comparative Law, EU Competition Law, Environmental Law, Health & Safety Law, Information Technology Law, Industrial and Intellectual Property Law, International Trade and International Business Law, Medical Device Law & Regulatory Affairs, Moot Court, Alternative Dispute Resolution and Law of the Sea. The LLB is also excellent preparation for work in a legal advisory capacity in the private or public sector. The programme is structured to facilitate those with work responsibilities and may be taken over three or four years.

Career Prospects

Graduates have found employment and advanced their careers in a variety of areas, including administration, business, the media and social work. In addition, the LLB covers the entrance examination subjects and the required subjects for the legal professions.



LLM Public Law
PAC Code: GYL04

PG

Course Outline

The LLM in Public Law suite of programmes examines emerging and topical issues in public law from a comparative and international perspective. The programmes will be of interest to students who have completed their primary law degree as well as legal practitioners, public servants and others seeking to develop or update their knowledge of public law and legal research skills. The LLM in Public Law has been successfully running for 10 years. Students can now obtain an LLM in Public Law or choose to specialise for an award of LLM in Public Law and Criminal Justice, LLM in Public Law & Social Justice or LLM in Public Law & Administration. The programmes can be completed full-time (1 year) or part-time (2 years).

Led by a dynamic team of experts at NUI Galway, with national, European and international teaching and research profiles, students will acquire expertise in their chosen subjects along with an ability to appraise critically the problems



which arise in law for policy makers in this important area. They will also be given the training and practice necessary to perfect their research and writing skills, which are so important for high achievement and effectiveness in furthering the public interest.

Career Prospects

Graduates have embarked on career paths ranging from, but not limited to, completing PhDs and lecturing, and working in the Office of the Attorney General, for the DPP, for the Law Reform Commission, and for law publishers and top law firms.

LLM in Peace Operations, Humanitarian Law and Conflict
PAC Code: GYL02

PG

Course Outline

This programme aims to prepare graduates for work in the field of international peace support operations and non-governmental organisations. The programme draws upon the LLM in International Human Rights Law, but offers specialized modules on peacekeeping. All students are required to take a module on international peacekeeping and peace support operations. Students may also take optional modules on international humanitarian law, refugee law conflict and post conflict studies, and international criminal law. Also of note, students who

have participated in peacekeeping operations may submit a reflective paper on their experiences and receive a full module's credit. Further, students are encouraged to undertake appropriate internships, and receive advice and assistance in this regard.

Career Prospects

Graduates of the programme have gone on to work with several international organisations such as the UN, OSCE and NATO. Others have found employment with non-governmental organisations working in the Democratic Republic of Congo, Haiti, Liberia, Sudan and Kosovo. Military and police personnel have completed the programme with a view to enhancing their career prospects.

College of Engineering and Informatics

www.nuigalway.ie/engineering-informatics/

Key Facts

- 60 Core Academic faculty plus over 100 contract R&D
- Support staff: 12 Admin and 17 Technical Officers
- Approximately 1,800 students
 - > 1,300+ undergraduate
 - > 200+ Masters (taught) graduate
 - > 250+ PhD/MSc /MEngSc (Research)

Two state of the art Buildings with over 19,000 sq.m. of specialised laboratories, teaching areas, study space and restaurant services.

Work Placement

All undergraduate students undertake a professional experience programme (PEP) in the third year of their studies. The PEP typically lasts between 5 and 8 months (January or April to end of August). This experience gives students an opportunity to work on projects relevant to their course of study and significantly improves their chances of obtaining employment after graduation. In the event that

no external placement is available students will be given projects on campus.

International Links

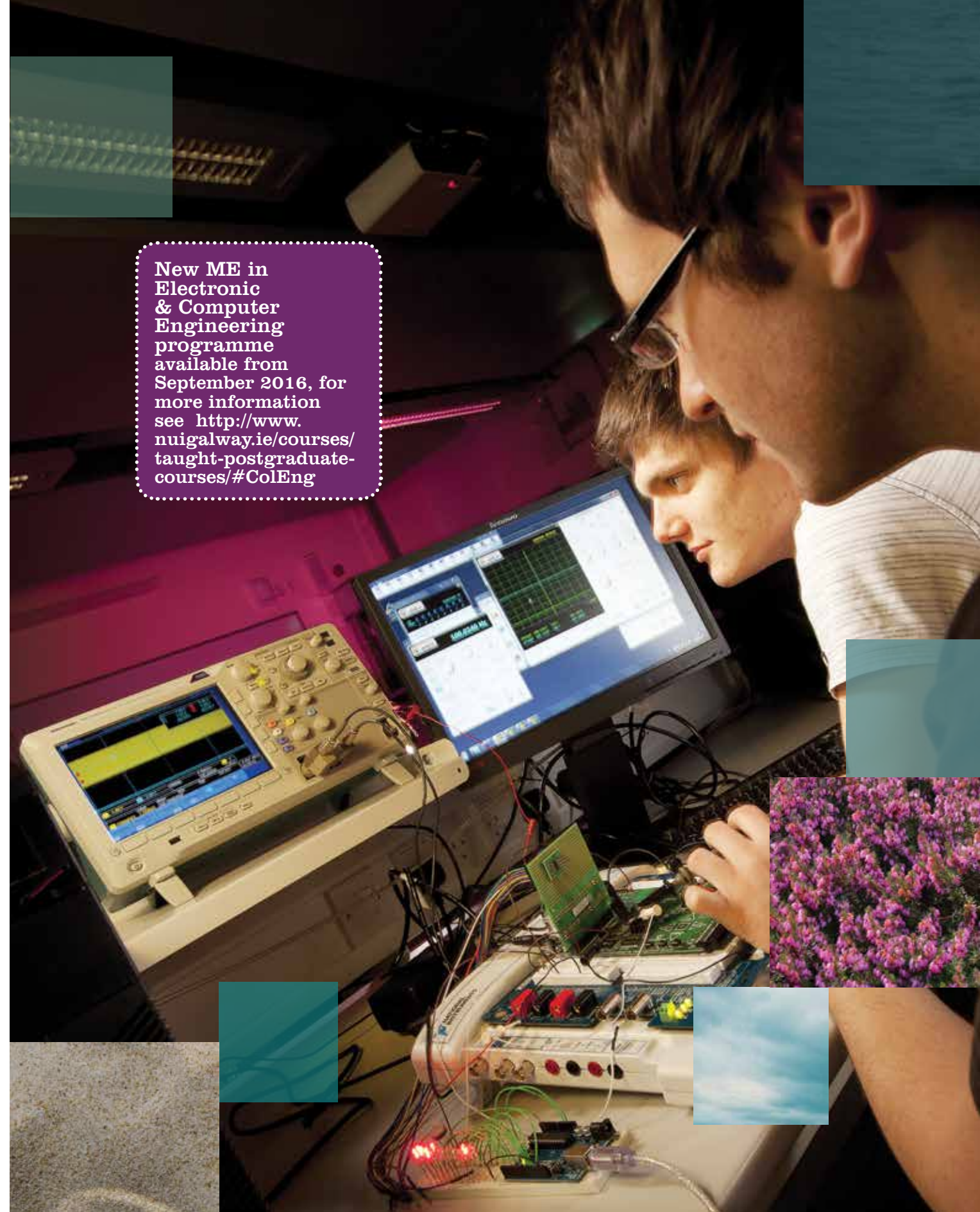
Each engineering programme has strong teaching and research links with major international universities, including the University of California at Berkeley, companies and research institutes in countries such as Germany, the UK, France, Poland, the USA, China, Zambia and Brazil. Students have completed work placements, research placements and teaching semesters a number of international locations.

The CoEI has established a number of Memorandum of Understanding (MoU's) with a number of Italian, Spanish and Polish Universities that include Universita Politecnica delle Marche, University of Cadiz and Seville and the Cracow University of Technology, enabling staff and student exchanges for periods of 6 to 12 months, joint teaching programmes, and collaboration particularly on emerging EU H2020 research programmes.

Taught Masters Study in Engineering & Informatics at NUI Galway

Amongst the greatest challenges facing technical leaders in the 21st century will be the: (1) the development of medical technologies to support better health and longer lifespan; (2) the provision and management of urban and non-urban energy and water resources of coastal communities from adverse environmental impacts; and (3) harnessing the power and knowledge available from very large computerised data sets. The National University of Ireland, Galway is now offering an opportunity for outstanding engineering and science graduates from around the world to join our advanced masters programmes in: Biomedical Engineering, Computer Science (Data Analytics) and Water Resources Engineering. These programmes are based upon our leading-edge research and are delivered on-campus in a city that is home to many of the leading international industries in these fields.

New ME in Electronic & Computer Engineering programme available from September 2016, for more information see <http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColEng>



Why study at National University of Ireland Galway?

National University of Ireland, Galway is consistently ranked in the top 2% of universities in the world, and is especially recognized for engineering, computing and technology. The University's College of Engineering and Informatics is one of the oldest engineering schools in the world, established in 1849. Today, National University of Ireland Galway is a vibrant international University with over 23,000 students, combining a rich cultural environment with state-of-the-art facilities for learning and research. We have a diverse and international academic community with staff and students coming from over 115 different countries.

Ireland is a global hub for the Information and Communications Technology (ICT) and medical-technology industries (Med-Tech). It is home to 9 out of 10 leading global ICT and also hosts 17 of the world's largest 25 Med-Tech multinational businesses. There is a strong concentration of these companies in the Galway region. The city is also a centre for R&D and innovation in marine technologies, water and environmental engineering and product development in marine renewable energy. The College of Engineering and Informatics provides a challenging high-tech environment for postgraduate study. We have state-of-the-art facilities for learning and research, most of which are based in our Engineering buildings, with over 19,000 sq.m. of specialised laboratories, teaching areas, study space and restaurant services. We have world-leading research groups in Biomedical Engineering, Computer Science & Data Analytics and Water Resource Engineering, Energy and the Built Environment. Our academics are international experts and educators in these fields, so graduate students will work directly with these faculty and their research groups. We also work closely with many of the leading international companies in applied research, staff and student exchange and graduate internships.

At Masters level, our approach to teaching is centred on small-group learning, with a heavy emphasis on industry-focused problems and research based challenges. On completing these programmes, some students may elect to spend an additional internship year in one of the local industries or with one of our research groups.

“

My name is **Toluwanimi Daniel Olajide**, I finished high school in Abuja, **Nigeria** and then spent a year in a foundation program in Dublin International Foundation College, in Ireland. I am currently studying a four year **Electronics and Computing Engineering** course at NUIG. I chose NUIG because it is considered as one of the best universities in Ireland and the environment is friendly. The application process was made easy thanks to the foundation program; DIFC handled all the application process entirely. On my first day in NUIG, the environment seemed very large and lively; there was a tour of the Engineering building; Finding comfortable, cheap student accommodation close to the University was not too challenging; as the university helped with the provision of accommodation. In order to get into Ireland it is customary to have an Irish

visa which was really easy to do. The stay back option for international students is reasonable and fair. The University invites students to visit; via regular open days throughout the year. Students from high school and also from foundation programmes are given free access to the campus. My studies try to ensure development in my skills such as writing and improving my views on engineering in general. So far, if I was to describe the Irish culture, I can say it is astonishing and interesting.

”

Fee Information:

Undergraduate Fees:

€13,750

Postgraduate Fees:

€13,750

English Language Requirements:

IELTS 6.5 with not less than 5.5 in any component

Entry Requirements:

Please visit website for further information about specific programmes and qualifications by country <http://www.nuigalway.ie/international-students/>

innealtóireacht | engineering

Bachelor of Engineering (Undenominated) UG

Course Outline

Year One

Engineering Calculus, Engineering Mathematical Methods, Engineering Mechanics, Engineering Chemistry, Engineering Physics, Fundamentals of Engineering, Engineering Graphics, Engineering Design, Engineering Computing

Year Two

Choose to follow one of the following denominated programmes:

Energy Systems Engineering, Civil Engineering, Project and Construction Management, Electronic and Computer Engineering, Electrical and Electronic Engineering, Mechanical Engineering, Biomedical Engineering, Computer Science and Information Technology

Year Three

Follow chosen course of Engineering (including work placement)

Year Four

Follow chosen course of Engineering

Career Prospects

As students branch into a specialised programme in second year, your career direction will depend on which programme you choose in second year. However, across engineering and informatics career prospects for all graduates are extremely positive.

Bachelor of Engineering (Civil) UG

Course Outline

Year One

Engineering Calculus, Engineering Mathematical Methods, Engineering Mechanics, Engineering Chemistry, Engineering Physics, Fundamentals of Engineering, Engineering Graphics, Engineering Design, Engineering Computing

Year Two

Mathematics and Applied Mathematics I, Mathematics and Applied Mathematics II, Engineering Materials, Thermodynamics & Fluid Mechanics, Electronic Instrumentation and Sensors, Principles of Building, Engineering Hydraulics I, Civil Engineering Materials & Design, Building Information Modelling, Strength of Materials

Year Three

Design of Structures I & II, Geomechanics and Geology, Water Engineering Design and Practice, Engineering Hydraulics II, Environmental Engineering, Transportation Systems and Infrastructure I, Construction Operations

Year Four

Structural Engineering Design II, Coastal and Offshore Engineering, Structural Analysis, Project Management, Design of Sustainable Environmental Systems I, Hydrology and Water Resource Engineering, Energy in Buildings, Geotechnical Engineering, Civil Engineering Project

Career Prospects

As Ireland emerges from the recession, there is an ever increasing demand for Civil Engineering graduates. In fact it is now anticipated that there will be a shortage of graduates by 2016.



Graduates from the Civil Engineering programme will be eligible for employment in the private sector in construction companies, consultancies and contractors dealing with all aspects of building, transportation and infrastructural projects.

Bachelor of Engineering (Mechanical) UG

Course Outline

Year One

Engineering Calculus, Engineering Mathematical Methods, Engineering Mechanics, Engineering Chemistry, Engineering Physics, Fundamentals of Engineering, Engineering Graphics, Engineering Design, Engineering Computing

Year Two

Introduction to Machine Design, Mathematics and Applied Mathematics, Materials I, CADD & Design Project, Strength of Materials, Engineering Statistics, Thermodynamics and Fluid Mechanics, Engineering Materials, Instrumentation and Sensors, Electrical Circuits and Systems, Fundamentals of Operations Engineering

Year Three

Mechanical Analysis and Design, Design II, Fluid Dynamics, Thermodynamics and Heat Transfer,

Automated Systems, Mechanical Vibrations, Professional Engineering Placement (PEP), Electromechanical Power Conversion, Project Management for Engineers (online), Introduction to Regulatory Affairs (online)

Year Four

Advanced Mechanical Analysis and Design, Computational Methods in Engineering Analysis, Polymers Engineering, Energy Conversion, Linear Control Systems, Mechanical Engineering Final Year Project, Combustion Science and Engineering, Quality Systems, Lean Systems, Systems Reliability, Advanced Energy Systems Engineering, Power Systems, Turbomachines and Advanced Fluid Dynamics, Regulatory Affairs and Case Studies, Safety and Risk Management

Career Prospects

Mechanical Engineering is perhaps the most wide-ranging engineering discipline, and offers diverse career opportunities. Students go on to work in research and development, design, innovation, manufacturing and management across almost every industry.

Some recent graduates work in:

Aerogen (medical device design), Rolls Royce (jet engine aerodynamic design), Boston Scientific (designing medical devices and the equipment to produce them), ÉireComposites (design and manufacture of wind turbine blades, aircraft parts and other products with high-performance materials), OpenHydro (design of renewable energy systems), Caterham Formula 1 (racing car structural design).

The mechanical engineering staff work closely with industrial partners on research and consultancy projects, and in many cases this helps students to find placements, projects and employment.

Bachelor of Engineering (Electronic and Computer) UG

Course Outline

Year One

Engineering Calculus, Engineering Mathematical Methods, Engineering Mechanics, Engineering Chemistry, Engineering Physics, Fundamentals of Engineering, Engineering Graphics, Engineering Design, Engineering Computing

Year Two

Mathematics and Applied Mathematics, Engineering Statistics, Communication Systems Engineering, Fundamentals of Electromagnetic Theory, Object-Oriented Programming, OOP: Data Structures and Algorithms, Analogue Systems Design, Digital Systems, Microprocessor Systems Engineering

Year Three

Embedded Systems Applications, Programming, Digital Systems, Analogue Systems Design, Signals and Communications, Communications Systems Engineering, Project Management for Engineers (online), Electrical & Electronic Professional Experience Programme, Professional Skills (online)

Year Four

System on Chip Design, Digital Signal Processing, Telecommunications Software Applications, Communications and Signal Processing Applications, Distributed Systems and Co-Operative Computing, Real-Time Systems, Software Engineering, Machine L to Machine Learning & Data Mining, Project Management, Project

Career Prospects

Completing the BE degree in Electronic and Computer Engineering offers a passport to national and international career opportunities in the wide and diverse range of industries, utilities and other organisations that use electronic and computer engineering expertise. This includes such areas as electronic system design, medical systems, healthcare, networking and distributed computing, telecommunications, automotive electronics, industrial automation, consumer electronics, broadcasting, management information systems and energy management systems.

Throughout Ireland, there are numerous smaller companies thriving on a very buoyant technology market. These companies are experiencing huge demand for their services and



products globally and will need a strong supply of highly educated, enthusiastic and creative engineers to carry them to even greater success. Several of our graduates have gone on to start their own companies and are currently thriving on the continued growth of the digital marketplace.



The Biomedical Engineering programme at NUI Galway has given me the fundamental engineering skills and multi-disciplinary background in biology and clinical application that I needed to be able to make an immediate impact in industry and to be able to design and develop new medical implants and devices. My graduate education through my PhD in bone biomechanics was also very important in this because I directly combined engineering and biological analysis techniques to better understand how stem cells generate new bone, showing me how biomedical engineers can play a critically important role in generating new knowledge on how the body works, and how new treatments can be developed for diseases and injuries, such as osteoporosis.

Evelyn Birmingham – BE Biomedical Engineering (2009), PhD Biomedical Engineering (2014), R&D Engineer, Medtronic Vascular, Galway.



Bachelor of Engineering (Biomedical)



Course Outline

Year One

Engineering Calculus, Engineering Mathematical Methods, Engineering Mechanics, Engineering Chemistry, Engineering Physics, Fundamentals of Engineering, Engineering Graphics, Engineering Design, Engineering Computing

Year Two

Human Body Structure, Introduction to Biomaterials, Electronic Instrumentation and Sensors, Mathematics and Applied Mathematics, Thermodynamics and Fluid Mechanics, Strength of Materials, Introduction to Machine Design, CADD & Design Project, Materials I, Statistics

Year Three

Biomedical Design, Mechanical Analysis and Design, Quality Systems, Human Body Function, Fluid Dynamics, Principles of Biomaterials, Automated Systems, Biomedical Professional Experience, Project Management for Engineers (online), Introduction to Regulatory Affairs (online)

Year Four

Biomedical Engineering Individual Project, Tissue Engineering, Computational Methods in Engineering Analysis, Medical Implant and Device Design, Biomechanics, Elements of Pathology, Medical and Surgical Practice, Thermodynamics and Heat Transfer, Polymer Engineering, Project Management

Career Prospects

Biomedical Engineering offers a variety of career opportunities in such areas as private industry, universities, hospitals, research facilities, educational and medical institutes, and in teaching and working for government regulatory agencies.

Bachelor of Science (Project and Construction Management)



Course Outline

Year One

Mathematics, Introduction to Physics, Engineering Graphics, Introduction to Engineering and Design, Fundamentals of Project and Construction Management, Introduction to Engineering Computing, Introduction to Financial Accounting, Introduction to Management Accounting, Introduction to Management

Year Two

Introduction to Health & Safety Law, Principles of Building, Strength of Materials, Civil Engineering Materials and Design, Business Law I, Management Accounting I, Fundamentals of Operations Engineering, Project Planning and Organisation, Statistics, Building information Modelling

Year Three

Operation Research, Economics I, Human Resource Management, Construction Operations, Project Planning & Organisation II, Transportation Systems and Infrastructure I, Safety Technology, Geomechanics and Geology, Design of Structures, Professional Experience Programme

Year Four

Business Law II, Management of Organisational Change, Quality Systems, Technology Innovation and Entrepreneurship, The Built Environment, Project Management, Safety and Construction, Managerial Economics, Estimates and Costing, Professional Studies, Final Year Project

Career Prospects

The project management skills gained from the programme will be marketable across a wide range of industries, including construction, engineering, biomedical, biopharma, technology, and science. Graduates will be qualified to work as engineering

assistants or construction project managers or their assistants, and in various supervisory positions, such as in building maintenance, quality control, and health and safety.

Our graduates from the BSc in Project & Construction Management are working in a wide range of industries and positions, such as construction management on building and infrastructure projects, engineering design on large energy utilities projects, project management in medical device/manufacturing industry, and so on.

Examples of companies our graduates work for include Bord Gáis Networks (Energy), Covidien (Global healthcare products/ medical devices), RPS Group (Engineering consultancy), AECOM (global provider of architecture, design, engineering, and construction services), Morrisroe (Construction company), Mercury Engineering (Mechanical & Electrical Engineering Contractors), Farcon (Building and civil engineering contractors), KLT (Transport and logistics), and Pdraig Arthur & Associates (Chartered quantity surveyors/project management). Through our internship programme and graduate network, NUI Galway has developed strong links with industry to help graduate secure employment after completing the BSc in Project & Construction Management. There is a strong demand for graduates from this programme due to the range of skills and knowledge students gain during their studies and the requirement for high-quality graduates in project management across a range of industries.

Bachelor of Engineering (Energy Systems)



Course Outline

Year One

Engineering Calculus, Engineering Mathematical Methods, Engineering Mechanics, Engineering Chemistry, Engineering Physics, Fundamentals of Engineering, Engineering Graphics, Engineering Design, Engineering Computing I & II

Year Two

Thermodynamics & Fluid Mechanics, Electronic Instrumentation and Sensors, Strength of Materials, Electrical Circuits and Systems, Mathematics and Applied Mathematics I & II, Principles of Buildings, Engineering Statistics, CADD and Design Project, Introduction to Modelling

Year Three

Core Topics: Linear Control Systems, Thermodynamics and Heat Transfer, Electromechanical Power Conversion, Introduction to Machine Design, Sustainable Energy, Mechanical Analysis and Design, Fluid Dynamics, 8-month Work Placement, Project Management (distance learning while on placement) • Professional Studies (distance learning while on placement) • Design Project (choose one of): Electrical project: design and demonstration of a solar panel tracking system Mechanical project: design of energy conversion devices including wind turbines, pumps and compressors Civil project: building energy management system project

Year Four

Core Topics: Project Management, Energy in Buildings, Energy Conversion, Smart Grid, Energy Systems Engineering Project, Advanced Energy Systems Engineering

Electives: Students will focus on civil, mechanical or electrical aspects of Energy Systems:

Electrical: Power Electronics, Object Oriented Programming, Digital Control Systems, Power Systems

Mechanical: Mechanical Vibrations, Computational Methods in Engineering Analysis, Turbomachines and Advanced Fluid Dynamics, Combustion Science and Engineering

Civil: Computational Methods in Energy Systems Engineering, Geomechanics and Geology, Engineering Hydraulics, Coastal and Offshore Engineering, Transportation Systems and Infrastructure I

Career Prospects

The 2014 Energy Systems Engineering Graduate Employment Survey shows:

- 90% of graduates are in full-time employment or study less than 6 months after graduation
- 60% work in Ireland, with the remainder primarily in the UK
- 54% work or study in the energy sector
- Graduates work in all sectors of the energy industry: Energy Efficiency, Renewables, the Smart Cities and the Built Environment, Fossil Fuels, Power Generation, Power Transmission, Finance, Policy, Economics and Transportation
- Graduates are employed at some of the world's leading companies including: First Transportation, Smurfit Kappa, JF Nuclear, AECOM, Kingspan, MCS Kenny, Texas Instruments, Bord na Móna, ESB, Alstom and Artelia, Schneider Electric, Boston Scientific, Intel, ESBI



When I arrived here I realized that I have made the right choice when I chose to come to Galway! The main reason is because Galway is a beautiful city and the people are very nice and friendly. The other reason is because NUIG is a really great college. Professors are really worried about our learning; they help us and try to make the class a place where we want to be. We are free to choose the modules and that's is the best part for a visiting student. I would recommend NUIG and Galway City for everyone.

Juliana Lima – Engineering UG, Brazil



Bachelor of Engineering (Electrical and Electronic)

UG

Course Outline

Year One

Engineering Calculus, Engineering Mathematical Methods, Engineering Mechanics, Engineering Chemistry, Engineering Physics, Fundamentals of Engineering, Engineering Graphics, Engineering Design, Engineering Computing

Year Two

Mathematics and Applied Mathematics, Communications Systems Engineering, Object-Oriented Programming, OOP: Data Structures and Algorithms, Statistics, Electronic Instrumentation and Sensors, Electrical Circuits and Systems, Analogue Systems Design, Digital Systems, Microprocessor Systems Engineering, Fundamentals of EM Theory

Year Three

Communications Systems Engineering, Digital Systems, Analogue Systems Design, Communication Signals and Systems, Embedded Systems

Applications Programming, Programming III, Project Management for Engineers (online), Professional Experience Programme, Professional Skills (online)

Year Four

Project Management, Communications & Signal Processing Applications, Telecommunications Software Applications, System on Chip Design, Project, Software Engineering III, Distributed Systems and Co-operative Computing, Real-time Systems, Engineering Electromagnetics, Machine Learning & Data Mining

Career Prospects

There is currently a skills shortage in the Irish technology sector and therefore career opportunities for Electrical and Electronic Engineers are plentiful and varied.

Completing the BE degree in Electrical and Electronic Engineering offers a passport to national and international career opportunities in a diverse range of industries, electrical utilities and organisations which use electrical and electronic engineering expertise. With the ongoing emphasis on energy, there is an increasing requirement for

graduates in electrical generation, transmission and distribution, with companies like ESB, Airtricity and Bord Gáis. Semiconductor manufacturing and design provides another dynamic career path in the ICT sector, with many of the world's leading companies located in Ireland including Intel, Analog Devices, On Semiconductor, Texas Instruments and Microsemi.

Demands for expertise in electrical automation and control are also rising, particularly in the biomedical devices and pharmaceutical sectors, while the on-going growth in telecommunications provides yet another exciting career op.

Bachelor of Science (Computer Science and Information Technology)

UG

Course Outline

Year One

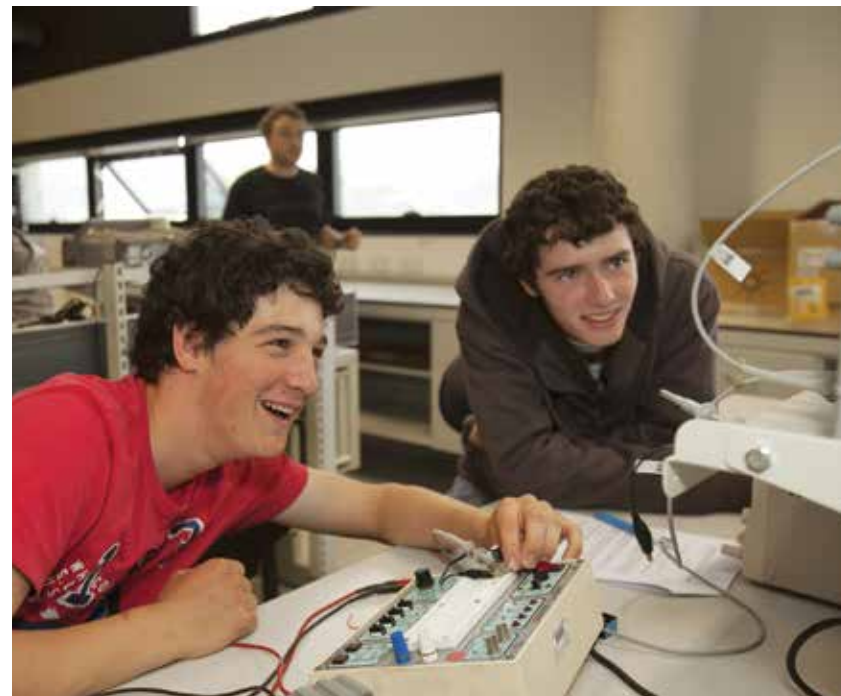
Computing Systems I, Fundamentals of Electrical & Electronic Engineering, Next-Generation Technologies I, Programming I, Algorithms & Information Systems, Mathematics, Introduction to Physics, Professional Skills I

Year Two

Introduction to Modelling, Software Engineering I, Databases Systems I, Next Generation Technologies II, Programming II, Mathematics, Statistics, Computer Systems and Organisation, Object-Oriented Programming, OOP: Data Structures and Algorithms, Networks and Data Comms I, Linear Algebra

Year Three

Network and Data Communications, Programming Paradigms, Programming III, Software Engineering, Human Computer Interaction, Database Systems II, Next Generation Technologies III, Probability and Statistics, Professional Experience Programme Project, Professional Skills, Organisational Innovation, Mathematics



ME Civil Engineering

PAC Code: GYE19

PG

Course Outline

Career Prospects

Graduates will be readily employable in the medical technology 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.

This new ME programme, based in NUI Galway's award-winning Engineering Building, will see the next generation of civil engineers educated to a high standard. The ME in Civil Engineering has a particular emphasis on design. It has three primary elements: (i) advanced core modules in Civil Engineering, (ii) an individual minor thesis, and (iii) modules on transferable skills and personal development.

The core Civil Engineering five-credit modules comprise Advanced Structures, Design of Sustainable Environmental Systems, Transportation Systems and Infrastructure, Offshore Engineering, and Computational Methods in Civil Engineering.

A wide variety of modules are available in the area of transferable skills, and these include Advanced Applied Mathematics for Engineers, Financial Management I, Advanced Project Management, Engineering Research Methods, Advanced Engineering Statistics, and Technology, Innovation and Entrepreneurship. Modules are subject to change.

Students carry out an integrated civil engineering design team project, and this reflects the strong design ethos of the programme.

Career Prospects

This degree programme is ideally suited to the civil engineer with an honours (Level 8) undergraduate degree who wishes to become more competent in advanced civil engineering topics.

From 2013, the ME degree is required to satisfy the educational requirements for progression to chartered engineer status. Graduates of the programme will be capable of working in any branch of civil engineering, including consultancy and contracting.

Year Four

Real Time Systems, Distributed Systems & Cooperative Computing, Systems Modelling and Simulation, Mathematics, Advanced Professional Skills, Artificial Intelligence, Machine Learning and Data Mining, Modern Information Management, Graphics & Image Processing, Computer Security & Forensic Computing, Software Engineering III, Final Year Project: In final year, students take additional subjects and projects

in one of the following areas: Digital Media and Games, Energy Informatics, Medical/Bio-informatics, Scientific Computing, Enterprise Informatics, Computational Informatics

Career Prospects

Graduates of the BSc (CSIT) are highly skilled and are equipped to take on employment as professional engineers, designers or consultants in a range of organisations, specialising in areas such as software design and development, digital media and games, IT consultancy, telecommunications and medical informatics. Prospects for IT/computing graduates remain very strong in Ireland and throughout the world. The government's Expert Group on Future Skill Needs has highlighted a shortfall in the number of IT/computing graduates as the numbers study.

MSc Biomedical Engineering

PAC Code: GYE24

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Course Outline

This one-calendar-year programme is designed around three thematic areas: biomechanics/medical devices, biomaterials and bioelectronics. A substantial thesis of 30 ECTS on a state-of-the-art topic in medical technology research has to be undertaken. Students take at least 15 ECTS in foundational modules and up to 45 ECTS in advanced modules.

“

My studies at NUI Galway were a totally transforming experience during which I had the opportunity to learn cutting edge analytics technologies along with the necessary theory; engage with many leading experts from both academia and industry; and most importantly I learned to think and write critically. All of this enabled me to shape my career the way I want.

**Václav Belák -
PhD, Data Scientist at
Merck Pharmaceuticals,
Prague, Czech Republic**

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MSc Computer Science - Data Analytics

PAC Code: GYE06

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Course Outline

This is an advanced programme that provides computing graduates with deep knowledge and skills in the emerging growth area of Data Analytics.

Foundational modules include: Statistics & Probability; Discrete Mathematics; Applied Regression Modelling; Programming for Data Analytics; Digital Signal Processing; and Numerical Analysis.

Advanced modules include: Large Scale Data Analytics; Natural Language Processing; Web-Science and Web-Mining; Linked-Data; Machine Learning & Data Mining; Advanced Topics in Machine Learning and Information Retrieval; System Modelling & Simulation; Embedded Signal Analysis; and Data Visualisation.

Students work on a substantial capstone project during the year, building on the knowledge they acquire during the course. The project may have a research or applied focus and is submitted in August. Note that the modules offered may change in response to changes in industry and research demands.

Career Prospects

Graduates will be excellently qualified to pursue careers in industry and academic research in a wide range of areas. Opportunities include multinational enterprises that provide analytics services and solutions, multinational enterprises whose business depend on analytics and big data technologies, and leading-edge indigenous companies and start-ups that provide innovative analytics solutions and products. Graduates will also be qualified to apply for national or international PhD-level positions.

“

After working for 3 years in Industry, I wasn't sure that how I am going to fit into academic environment but the friendly and supportive behaviour of faculties, staff and peers made things easy. University facilitates with very resource rich library and highly equipped computer labs without any time restriction, which is one of the best part of studying at NUIG. Apart from studies, there are always some extra activities happening at the university, organized by over 100 active societies and clubs. Galway is a small, safe and indeed a very beautiful city with friendly people all around.

Navdeep Sharma
MSc. Computer Science (Data Analytics)
India

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ME Electrical and Electronic Engineering

PAC Code: GYE21

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Course Outline

The ME has three primary elements: (i) advanced core modules in Electrical and Electronic Engineering, (ii) an individual capstone project, and (iii) modules on transferable skills and personal development.

The core Electrical and Electronic Engineering 5-credit modules comprise: Reconfigurable System

on Chip, Biomedical Instrumentation Design, Power Systems, Advanced Power Electronics, Smart Grid, Embedded Image Processing, Emerging Web Media, Financial Signal Processing and Modelling, Financial Engineering, Methods for Derivatives and Risk Management, IT Module.

Available modules in the area of transferable skills will include: Applied Mathematics, Engineering Finance, Engineering Research Methods, Advanced Statistics for Engineers, Technology, Innovation and Entrepreneurship

Career Prospects

This degree programme is ideally suited to the electrical/electronic engineer with an honours (Level 8) undergraduate degree who wishes to become more competent in advanced Electrical and Electronic Engineering topics.

Since 2013, the ME degree has been required to satisfy the educational requirements for progression to Chartered Engineer status. Graduates of the programme will be capable of working in any branch of Electrical and Electronic Engineering, including consultancy and contracting. As a programme that is targeted for accreditation, it will have international recognition through the Washington Accord.

ME Energy Systems Engineering

PAC Code: GYE20

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Course Outline

This programme provides training in three areas: advanced technologies in energy systems engineering, transferable skills for employment and/or a research career in the energy sector, and technology development through an energy systems engineering project.

Transferable skills: Project Management, Environmental Economics, Engineering Finance, Engineering Research Methods, Technology Innovation & Entrepreneurship Lean Systems,

Applied Statistics for Engineers, Advanced Applied Maths, Internet Programming, Database Development.

Advanced Technologies: Global Change, Smart Grid Sustainable Energy & Buildings, Advanced Energy Systems Engineering, Computational Methods in Engineering Analysis, Advanced Finite Element Analysis, Coastal & Offshore Engineering, Design of Sustainable Environmental Systems I, The Built Environment, Integrated Engineering Design Project, Power Electronics, Advanced Power Electronics, Power Systems, Power Machines & Control, Communications Systems Engineering, Thermal Energy Conversion, Turbomachines & Advanced Fluid Dynamics, Combustion Science and Engineering, Advanced Mechanical Analysis & Design. Modules are subject to change.

Career Prospects

There are job opportunities in design and testing, consultancy, project management, energy systems management, product development

and facilities engineering. The need for graduates with skills in energy systems technologies is growing, including in building energy management, renewable energy systems, electrical power systems, smart grid and energy consultancy. Other potential roles are in the areas of energy economics, energy policy, energy regulation, energy planning and the law.

MAppIsc Enterprise Systems

PAC Code: GYE13



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Course Outline

The flexible structure allows you to tailor the programme to your specific needs. You can choose from those listed below. Courses are subject to availability and other courses may be made available: Technology Innovation and Entrepreneurship, Project Management, Applied Innovation, Decision Systems and Business Analytics, Information Systems Strategy and Planning, Operations

Management, Operations Strategy, Logistics and Transportation, Lean Systems, Operations Research, Quality Management, Human and Systems Reliability, Ergonomics, Safety and Risk Management, Regulatory Affairs.

You must also prepare an industrial-based research thesis on a topic to be agreed with an academic supervisor. We will provide you with a list of company-specific case studies in medical technology and services organisations.

Career Prospects

Our graduates have secured high quality employment in sectors such as medical technology, high tech manufacturing, software and financial services.

Your next job title could be: Entrepreneur: managing director, general manager, venture partner, consultant. Manager: product manager, operations manager, training manager. Engineer: product/process engineer, quality engineer, manufacturing engineer. Information Technology: business analyst, software programmer, information systems manager.

MSc Mechanical Engineering

PAC Code: GYE17

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Course Outline

The programme combines advanced mechanical engineering modules with a substantial (year-long) research and development project and modules on engineering transferable skills. The large group development project, which is the capstone of the masters, will be conducted in collaboration with an engineering industrial partner to develop new mechanical engineering technology. A key aspect of this programme is the teaching of innovation and entrepreneurship skills and technology, along with research methods. A range of advanced engineering modules (advanced mechanics of materials, advanced finite elements, advanced energy systems) are also taught



to build directly on undergraduate mechanical engineering topics and bring students to a more specialized understanding of and ability in doing state-of-the-art engineering design.

Career Prospects

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; further more advanced research (e.g., PhD); software (engineering) development; engineering consultancy.

MAppSc Occupational Safety Engineering and Ergonomics

PAC Code: GYE00

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Course Outline

Candidates must complete at least four and up to six courses from a list of subjects provided. Courses include: Ergonomics, Human and Systems Reliability, Occupational Hygiene, Quality Management, Safety and Risk Management, Research Methods, Legal Studies, Management Studies, Quality Engineering, Regulatory Affairs.

In addition, candidates must submit their year's work, which will be continuously assessed, and candidates are required to write a

research thesis on a topic agreed and approved by their supervisor.

Career Prospects

Graduates have found employment in workplaces ranging from project engineering, hi-tech manufacturing engineering, regulatory bodies, healthcare and the services sector. Typical job titles include: Safety Engineer, Safety and Risk Specialist, Risk Manager, Regulatory Affairs Specialist, Ergonomics Health and Safety Consultant, Health and Safety Officer, Environmental Health and Safety Officer.

MSc Software Design and Development

PAC Code: GYE03



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Course Outline

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 for their second year, during which students will conduct a research project and submit a thesis on their findings.

First Year subjects include:

Databases, Software Engineering, Programming in Java, Object-Oriented Design, Internet Programming, Computer Architecture and Operating Systems,

Computer Networks, Research Methods

Career Prospects

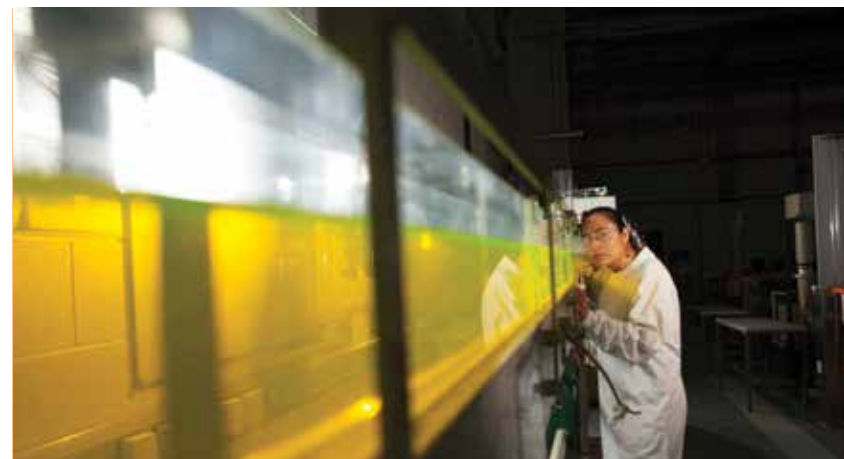
A variety of opportunities are open to graduates in the software industry or in a range of other sectors, such as telecommunications, medical informatics, energy informatics, digital media, banking and consulting. Many graduates continue with careers related to their specialised field of research. Companies/organisations that have recruited graduates recently include Fidelity Investments, Galway; Cisco, Galway, and Ericsson, Athlone.

“

I really enjoyed the M.Sc. and I learned a lot, especially while working on my thesis with my supervisor. The MSc helped improve my analytical, programming and research skills, which has been beneficial in my current role in the Cloud Computing group in Fidelity. I would certainly recommend postgraduate studies in IT as it further enhanced my knowledge of the domain and it also gave me an opportunity to research specific areas of interest.

Karen Rawlinson
Senior Software Engineer,
Fidelity Investments,
Ireland.

”



Water Resources Engineering (MSc)

PAC Code: GYE23

PG

Course Outline

This 1-year 90 ECTS programme will provide engineers with the technical competences needed to design solutions to deliver safe/clean water. The course comprises: (1) taught core modules (30ECTS), (2) taught elective modules (15 ECTS), (3) an integrated group design project (15 ECTS) and (4) an individual research project (30 ECTS).

Core modules include:

Hydrology & Water Resources Engineering, Hydrological Modelling, Design of Sustainable Environmental Systems, Water Quality, Water Resources in Arid Regions and Applied Field Hydrogeology

Elective modules include:

Computational Methods in Engineering, Global Climate Change, Offshore & Coastal Engineering, Environmental Economics, Project Management, Advanced Engineering Statistics, and Estimates and Costing of Engineering Projects

Key features of this programme include a focus on the understanding and use of modern hydraulic modelling tools, real-world engineering design problems and group project work.

Career Prospects

Traditionally around 50% of Civil Engineers are employed in the water industry, this is set to increase. Existing water infrastructure is straining to meet current demands. Population growth, urbanisation, climate change and increasing energy demands, are placing unprecedented pressures on our finite water resources. The provision of sustainable and safe water supplies into the future will be addressed primarily by engineers.

“

It was a privilege and a pleasure to participate in the Galway MSc programme with world renowned hydrologists, excellent technicians and support staff, and Irish and international students. The comprehensive programme provided an excellent basis for my subsequent career in hydrology.

Charles Pearson
MSc Hydrology, NUI
Galway, 1990 Graduating
Class Regional Manager,
National Institute of
Water and Atmospheric
Research, New Zealand.

”

College of Medicine, Nursing, and Health Sciences

www.nuigalway.ie/colleges/medicine-nursing-and-health-sciences/

The College of Medicine, Nursing and Health Sciences comprises of three schools: Health Sciences, Nursing and Midwifery, and Medicine. We prepare healthcare practitioners to be the best in their field, across programmes at Undergraduate, Postgraduate and Postdoctoral levels.

We work closely with our clinical partners to provide programmes that are grounded in clinical expertise and cutting-edge research, to best prepare students to meet the challenges of a changing healthcare environment. At postgraduate level our programmes offer flexible and innovative learning technologies to meet the needs of working practitioners.

Our Research strives to improve healthcare, bringing tangible benefits to health and healthcare regionally, nationally and internationally.

Fee Information:

Undergraduate Fees: €13,750 (€31,000 for Bachelor of Medicine (MB) of Surgery (BCh) and of Obstetrics (BAO))
Postgraduate Fees: €13,750

English Language Requirements:

IELTS 6.5 with not less than 6.5 in any component

Entry Requirements:

Please visit website for further information about specific programmes and qualifications by country <http://www.nuigalway.ie/international-students/>



Bachelor of Medicine (MB), of Surgery (BCh) and of Obstetrics (BAO)

UG

Course Outline

The medical curriculum in Galway is an integrated, five-year modular programme, following which you will be conferred with the degrees of Bachelor of Medicine (MB), of Surgery (BCh) and of Obstetrics (BAO). This is a new, re-focused innovative curriculum in which your learning is centred on the systems of the healthy body and the treatments required when these systems are affected by disease. Our focus is on patients and in training our students to deliver the best patient outcomes, and to be caring and ethical as well as highly competent in the process.

NUI Galway does not accept direct applications for our medical programme from Non-EU applicants. Non-EU applicants to Medicine should apply through our agencies depending on your geography:

North American students should apply via Atlantic Bridge, Email: info@atlanticbridge.com

Students applying from within Malaysia should apply via IUMC, Email: info@iumc.com.my

Students from Singapore should contact should apply via Email to mail@regiongroup.com.sg

Career Prospects

Graduates from Medicine find employment in diverse areas, such as: Hospitals, Private practice, Education and research, Community rehabilitation services, Pharmaceutical companies, Medical device companies, Health insurance companies, Medical journals.

BSc Occupational Therapy

UG

Course Outline

Year One

Principles for Practice/ Fundamentals I, Psychology, Human Body Structure, Human Body

Function, Mental Health 1, Mental Health 2, Enabling Occupation - Physical Disability, Group Work and Professional Skills

Year Two

Fundamentals of Occupational Therapy II, Neuroanatomy, Neurophysiology, Health Psychology, Enabling Occupation - Paediatrics, Enabling Occupation - Intellectual Disability, Practice Education (work placement) I & II, Case Study I & II

Year Three

Fundamentals of Occupational Therapy III & IV, Cognitive Neuropsychology, Evidence-Based Practice, Enabling Occupation - Community, Standardised Testing in Occupational Therapy, Enabling Occupation for Older Adults, Emerging Areas of Practice, Research Methods, Social Policy, Neurology

Year Four

Practice Education (work placement) III & IV, Case Study III & IV, Management and Leadership, Preparation for Practice, Research Project

Career Prospects

Graduates of the degree course will have an internationally recognised professional qualification and may work in a variety of settings such as: Hospitals, Voluntary organisations, Mental health services, Child and adolescent services, Physical and sensory services, Community rehabilitation, Disability services.

BSc Speech & Language Therapy

UG

Course Outline

Year One

Psychology I, Human Body Structure, Human Body Function, Practice Education I, Professional Studies I, Linguistics I, Phonetics and Phonology, Communication Impairments & Dysphagia I

Year Two

Psychology II, Neuroanatomy,

Neurophysiology, Practice Education II, Professional Studies II, Research Methodology II, Linguistics II, Communication Impairments & Dysphagia II

Year Three

Psychology III, Practice Education III, Professional Studies III, Research Methodology III, Linguistics III, Communication Impairments & Dysphagia III

Year Four

Practice Education IV, Professional Studies IV, Research Methodology IV

Career Prospects

Graduates of the degree course will have an internationally recognised professional qualification and may work in a variety of settings such as: Community clinics/health centres, Day centres, Rehabilitation centres, Individuals' homes, Child development centres, Hospitals, Mainstream and special schools, Language classes.

BSc Podiatry

UG

Course Outline

Year One

Introduction to Clinical Studies, Podiatry Theory I, Human Body Structure, Gross Anatomy of the Lower Limb, Human Body Function, Professional Development, Redefining Health and Wellbeing

Year Two

Clinical Studies II, Podiatry Theory II, Applied Pathophysiology, Functional Anatomy and Biomechanics, Research Methods I, Introduction to Pharmacology, Microbiology, Endocrinology



Year Three

Clinical Studies III, Medicine and Surgery, Pharmacology in Health and Disease, Research Methods II, Podiatry Theory III, Health Promotion in Podiatry

Year Four

Clinical Studies IV, Skills for Practice, Footwear and Orthoses, Research Dissertation, Working with Vulnerable Adults, Contemporary Practice

Career Prospects

Graduates of the degree course will have a professional qualification and may work in a variety of settings such as: Hospitals, Sports centres, GP practices, Nursing homes, Private practice, Education and research, Community rehabilitation services, Opportunities for further postgraduate studies.

Master of Health Sciences Chronic Illness Management

PG

PAC Code: GYM58

Course Outline

Programme outline (subject to change): the year is divided into two teaching semesters (September-December and January- April). During the summer period (May-August), you will focus on completing a minor dissertation based on original research. You will complete four core modules and two option modules (from a selection provided) during the taught element of the programme. Students must complete the taught element of the programme to Second Class Honours standard (i.e., 60%) before proceeding to complete the dissertation element.

Modules, Semester 1: Critical Issues in Chronic Illness, Literature Based Research Skills, Option Modules

Semester 2: Effective Chronic Illness Management Strategies for Healthcare Professionals, Health Research Methods, Option Module

Semester 3: Research Dissertation (original research on a relevant topic).

Flexible learning: the programme is offered through blended learning, a combination of online and face-to-face learning and teaching. This is an innovative and flexible approach, making it possible to combine working full-time with studying.

Career Prospects

Graduates will have an opportunity to lead and contribute to chronic illness prevention and management services in community and hospital settings. Graduates may also opt to progress to PhD programmes in Ireland and abroad.

MSc Clinical Education

PAC Code: GYM44

PG

Course Outline

Modules may include Learning Theory in Clinical Settings, Course Design and Evaluation, Clinical Teaching Methodologies (also available as a six-week, stand-alone option), Foundations of Assessment in Clinical Education, Advanced Assessment in Clinical Education, Professional Development, Clinical Teaching Portfolio, Leadership and Management for Healthcare Education, Simulation in Clinical Education, Creativity and Innovation, Evidence Based Education, Educational Research Design, Dissertation (publishable paper)

The courses are delivered mostly by distance learning, with some face-to-face workshops in Galway as follows:

- PDip: 18 days in total:

2 consecutive weekdays in September

6 Saturdays between October and May

2 consecutive weekdays in each of Sept., Oct., Nov., Feb., and April

Career Prospects

Our clinical education focus leads to major changes in how you will be able 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. These courses will help you create new pedagogical approaches and improve the clinical education experience for learners.

“

Many people ask me why I chose Ireland; most of them are intrigued because neither the climate nor the food are the attractions of the country. It is impossible not to agree with this, but the choice goes beyond this. I chose Ireland because it's a wonderful country with breath taking natural landscapes and with great educational rankings, in addition, Irish people are very friendly and available. I chose Galway because it's the cultural capital of Ireland and is a college town full of colour and music. And the university, NUI Galway, offers quality education and various facilities for students living intensive the university, I know that this exchange will make me an Occupational Therapist of quality and magnify me as a human.

Carla Ribeiro Lage
Occupational Therapy Student - Federal University of Minas Gerais - Brazil

Science without Borders
- National University of Ireland, Galway

”



MSc Clinical Research
PAC Code: GYM56

PG

Course Outline

Each on-site module 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.

Modules comprise: Fundamentals of Health Research and Evaluation Methods, Introduction to Biostatistics I & II, Ethics of Health Research, Observational and Analytical Research Methods, Research Methods for Randomized Controlled Trials, Systematic Reviews, Economic Evaluation in Health Care, Health Systems and Policy Analysis, Translational

Medicine, Clinical Research, Administration, Database Development, Project Management

Compulsory course-work: independent study module; paper publication OR original research and thesis.

Career Prospects

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.

MSc Endovascular Surgery
PAC Code: GYM69

PG

Candidates will complete core modules in Informatics, Research Methods, Biostatistics and Surgical Education. In addition, candidates will work independently with the support of a supervisor to carry out an original piece of research relevant to their healthcare setting.

Hands-on training opportunities: the programme is provided with support from the Western Vascular Institute. This will provide candidates with hands-on supervised training and supervised sessions in endovascular surgery teaching labs.

Career Prospects

Graduates will find employment in a diverse range of fields of health and medical research, may progress to take an MD or PhD, and will improve their professional knowledge, skills and attitudes in daily practice (evidence-based healthcare).

MA Health Promotion
PAC Code: GYA15

PG

Course Outline

The MA programme is based on the European Masters in Health Promotion core curriculum and offers students the opportunity of pursuing European-based study as an optional module.

Modules comprise: Foundation of Health Promotion, Research Methods, Health Promotion Practice, Determinants of Health, Promoting Healthy Behaviours, Promoting Mental Health and Social Well being, Re-orienting Health Services, Supportive Environments for Health, European dimension of Health Promotion, Evaluation of Health Promotion Programmes

Career Prospects

A variety of career opportunities in Ireland and abroad exist for graduates of this 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.

MSc Medical Science
PAC Code: GYM47

PG

Course Outline

Candidates will complete core modules in Informatics, Research Methods, and Biostatistics, as well as their chosen speciality module from one of the following: Database Development and Medical Informatics, Musculoskeletal Medicine, Exercise Physiology, Patient Safety and Human Factors

In addition, candidates will work independently with the support of a supervisor to carry out an original piece of research in their chosen area or from a topic provided by the course director relevant to their healthcare setting.

Flexible learning: this programme is particularly suitable for people who wish to return to education but also have work commitments. All modules are delivered online via distance learning and are supported by dedicated workshops. The programme is taught on a shared learning educational model, providing maximum interaction between the various disciplines with specialist tuition given in your chosen subject. The structure, content, and flexible design have made this programme very attractive to healthcare professionals throughout Ireland.

Career Prospects

Graduates will find employment in a diverse range of fields of health and medical research, may progress to undertake an MD or PhD, and will improve their professional knowledge, skills, and attitudes in daily practice (evidence-based healthcare).

“

I was born and raised in the twin-island republic of Trinidad and Tobago in the Southern Caribbean. I moved to Ireland in 2009 following which I enrolled in the undergraduate Medicine program at NUI Galway. The prestigious NUI Galway medical program has a history spanning almost two centuries and attracts students, researchers and clinicians from all over the world. The immersion of students into the clinical setting at a very early stage is what sets NUI Galway apart from the other medical schools nationwide. The School of Medicine shares the same

campus as the University Hospital Galway, a major academic teaching hospital in the West of Ireland. In recent years NUI Galway has formed an exciting affiliation with four peripheral hospitals and set up academies at each of the hospital sites. Students spend two semesters of their undergraduate degree at one of the chosen NUI Medical Academies.

In the summer of 2014 I completed my undergraduate degree with honours. Following this I was offered a 12 month internship at the Mater University Hospital. It was a fantastic experience and a great challenge, all made possible by the robust academic background instilled at NUI Galway. I return to NUI Galway after my internship to take up a lectureship post where I will assist in delivering the Cardiovascular Studies module to 3rd year medical students.

Simon De Freitas
- Medicine
Trinidad and Tobago

”



I consider it as a great opportunity to have graduated from NUI, Galway with a **Master's degree in Regenerative Medicine**. The Government of Ireland (GOI) Scholarship awarded to Indian students at the Postgraduate level was a real boost to me. The reason I chose Regenerative Medicine was mainly due to the therapeutic potential of this field and also the vast opportunities provided to students aiming at a career in industry and research by the Regenerative Medicine Institute (REMEDI) at NUI, Galway. The structure and methodology of teaching at REMEDI, ensures that students can carry out any scientific work of complex nature, with great confidence. I feel elated to have benefited from this course by further securing an admission to pursue a structured PhD specialising in the field of Orthobiology in REMEDI, via the Hardiman Scholarship awarded by NUI, Galway. It is very exciting to do PhD in a scientifically motivating and student-friendly' research facility. I feel proud to be a part of REMEDI and NUI, Galway.

Swarna Raman - India



MSc Multidisciplinary Radiology

PAC Code: GYM09

PG

Course Outline

To complete the course, one core module and five optional modules out of eight must be passed, followed by a dissertation.

Core module: basic Radiology sciences, including Radiological Anatomy, Physics, strengths and limitations of different modalities.

(One-week taught component with six weeks' self-directed learning activities before and after the module, normally late in October.)

Five optional clinical modules:

One week taught component with six weeks' self-directed learning activities before and after the module

Optional generic modules: with blended learning, primarily online

Dissertation

Career Prospects

Graduates will find academic posts in radiology research and teaching. They will increase their competitiveness in applications to clinical radiology posts.

Graduates will provide greater opportunity to specialities with high dependence on imaging, such as Radiation Oncology, Orthopaedics, Vascular surgery, Interventional Oncology, Interventional Cardiology, and so on.

MSc Preventive Cardiology

PAC Code: GYM02

PG

Course Outline

The modules (including elective modules) are: Fundamentals of Preventive Cardiology, Research Methods, Reflective Clinical Practice, Research Project and Dissertation (MSc only), Cardio-vascular Risk, Guidelines and Policy, Medical Risk Factor Management, Lifestyle Risk Factor Modification.

Career Prospects

The course is undergoing formal accreditation for CME/CPD purposes. Graduates of the course will be positioned as leaders in cardiovascular disease prevention and will find ample opportunities to apply their learning in primary care centres, hospital wards and outpatient clinics. There will also be employment opportunities in the pharmaceutical industry and in public health, healthcare management, academic and research settings. 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.

MSc Regenerative Medicine

PAC Code: GYM00

PG

Course Outline

The first two semesters will consist of modules covering the scientific principles of stem cells, gene therapy, tissue engineering, immunology and pharmacology. 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.

The modules on offer include:

Regenerative Medicine, Translational Medicine, Advanced Research Technique, Tissue Engineering, Scientific Writing, Pharmacology, Anatomy, Research Project and Thesis, Physiology-Human Body Function, Introduction to Business, Economic Evaluation in Healthcare, Introduction to Biomedical Systems

Career Prospects

Graduates of this course have found employment in biomedical device biotechnology companies and clinical research organisations in Ireland and abroad. Many graduates have obtained PhD studentships in Ireland and the UK, as well as in Austria, Spain, the Netherlands and Canada. Some graduates have gone on to study medicine, and graduates with clinical backgrounds have progressed to clinical fellowships.

MCh Surgery

PAC Code: GYM51



PG

Course Outline

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 include: Informatics, Research Methods, Biostatistics, Surgical Laboratory Skills, Patient Safety and Human Factors, Surgical Education, and a Research Thesis. The topic of the thesis will be chosen by the Professor of Surgery in consultation with the candidate and their surgical tutor. With all candidates working full-time, the programme modules are delivered using flexible, interactive, and modern learning methodologies, with workshops scheduled for weekends.

Career Prospects

Graduates will provide evidence-based practice and research in the field of surgery. Upgraded knowledge, skills and attitudes provide a new dimension to day-to-day care of patients in need of surgical procedures.



College of Science

www.nuigalway.ie/science/

The College of Science offer a range of research-led programmes at Undergraduate, Postgraduate and Post-Doctoral levels. The Bachelor of Science Programmes are structured yet flexible allowing students take a variety of science subjects, exploring their interests and passions. Our science programmes provide students with a sound basis for a variety of careers.

Scientific training and research contributes significantly to knowledge generation, technology development and translation, and to our economic and societal development. Accordingly, job and job satisfaction prospects for science graduates are excellent.

Fee Information:

Undergraduate Fees: €13,750
Postgraduate Fees: €13,750

English Language Requirements:

IELTS 6.5 with not less than 5.5 in any component

Entry Requirements:

Please visit website for further information about specific programmes and qualifications by country
<http://www.nuigalway.ie/international-students/>



New MSc in Biomedical Genomics available from September 2016, more information see <http://www.nuigalway.ie/science/postgraduate-taught-courses/>



Bachelor of Science

UG

Course Outline

The Bachelor of Science degree programme allows you to take a variety of subjects in the general scientific field in Year 1 and to gradually specialise through years 2, 3 and 4. It is the ideal choice for students who want to study Science, and wish to keep their options open. With such a diverse range of scientific subjects available, students often find they need time to discover which specialism is for them. Please note, however, that quotas apply to second year subjects in the BSc Science programme.

Year One

Students must take four modules in first year. The modules are arranged in groups, and students must choose one group from the following:

Group A: Mathematics, Applied Mathematics, Chemistry and Physics

Group B: Mathematics, Applied Mathematics, Physics and Computer Science.

Group C: Biology, Chemistry, Physics and Mathematics or Applied Mathematics.

Group D: Biology, Chemistry, Introduction to Earth and Ocean Sciences and Mathematics or Applied Mathematics

Group E: Chemistry, Computer Science, Physics and Mathematics or Applied Mathematics

Group F: Introduction to Earth and Ocean Sciences, Physics, Computer Science and Mathematics or Applied Mathematics.

Year Two

All students take three pathways or two pathways plus electives.

Pathways: Anatomy, Applied Mathematics, Biochemistry, Botany and Plant Science, Chemistry, Computer Science, Earth and Ocean Sciences, Mathematics, Mathematical Studies, Microbiology, Pharmacology, Physics and Applied Physics, Physiology, Zoology

Electives: A variety of electives are offered

Year Three

Most students continue with two pathways.

Pathways: Anatomy, Applied Mathematics (Honours), Biochemistry, Botany and Plant Science, Chemistry, Computer Science, Earth and Ocean Sciences, Mathematics (Honours), Mathematical Studies and Computer Science, Microbiology, Pharmacology, Physics and Applied Physics, Physiology, Zoology

Electives: A variety of electives are offered

Year Four

Students choose their honours degree:

Anatomy, Applied Mathematics, Biochemistry, Botany and Plant Science, Chemistry, Computer Science, Earth and Ocean Sciences, Mathematics, Mathematics and Applied Mathematics, Mathematics and Computer Science, Mathematical Studies and Computer Science, Microbiology, Pharmacology, Physics and Applied Physics, Physiology, Zoology

Career Prospects

A degree in science provides you with the potential to develop a wide variety of skills. Students find employment in areas such as general industry, IT, government, regulatory affairs, investment banking, consulting, marketing, research, or third-level education.

Some careers of past graduates include:

Medical Devices, Biodiversity Specialist, Plant Biotechnologist, National Parks and Wildlife Service, Senior Inspector, EPA, Meteorologist, Met Éireann, Design Engineer, Curator of Astronomy & Modern Physics, Science Museum, London, Functional Ecologist, Teagasc, Researcher in biopharmaceutical or pharmaceutical industry.

Our science graduates are seen by industry as diligent, intelligent, hardworking and adaptable. Hence

it is possible to undertake successful career changes. A Science degree equips you with the ability to learn, think independently and critically, and adapt to changing situations.

BSc Biomedical Science

UG

Course Outline**Year One**

Biology, Chemistry, Physics, Biomedical Science (including Science Communication, Essays, Debates)

Year Two

Three subjects from: Anatomy, Biochemistry, Pharmacology or Physiology (two subjects for both Semesters and one other for Semester I only)

Biomedical Science (including Seminars and Community Knowledge Initiative projects)

Year Three

One major subject from: Anatomy, Biochemistry, Pharmacology or Physiology (including Mini Research Project) Genetics, Biostatistics and Bioinformatics, Research Methods in Biomedical Science

Year Four

One major subject from: Anatomy, Biochemistry, Pharmacology or Physiology (including Major Research Project)

Applications of Biomedical Science, One other module from any of the four Biomedical Science Disciplines

Career Prospects

Graduates from this programme will find employment in the pharmaceutical (e.g. Allergan), diagnostics (e.g. Abbott) and medical devices (e.g. Medtronic, Boston Scientific) industries.

BSc Biotechnology

UG

Course Outline**Year One**

Biology, Chemistry, Biotechnology concepts and skills, Statistics and probability, Language (French or German)

Year Two

Biotechnology skills module, Biochemistry (Molecular and cellular biology, Protein structure and function, Gene technology and molecular medicine, Metabolism and cell signalling), Microbiology (Microbes and the environment, Microbiology lab skills), Chemistry (Analytical and environmental chemistry, Organic chemistry, Physical chemistry, Language (French or German))

Year Three

Biotechnology skills module, Biochemistry (Cell biology), Molecular biology (Protein biochemistry), Microbiology (Food and industrial microbiology, Immunology and recombinant techniques, Microbial metabolic and molecular systems), Pharmacology concepts, Placement option (Placement project), On-campus option (Plant and agricultural genetics, Human molecular genetics, Elective Biochemistry or Microbiology module), Language (French or German)

Year Four

Individual laboratory research project, Topical scientific literature review, Biochemistry (Biomolecules, Molecular and cellular biology, Modern biotechnologies, Principles and experimental design), Microbiology (Bioprocessing and recombinant proteins), Introduction to business.

Career Prospects

Biotechnologists find employment in rewarding jobs across the growing 'smart economy', including industries such as biopharmaceuticals,



diagnostics, healthcare, and the environment. Employment opportunities are also available in research and teaching. Graduates are equipped with a wide range of capabilities and practical experience, including business and language skills, which complement their knowledge of biology. This also allows them to move into areas such as management and marketing, where the biotech revolution continues to open doors.



BSc Environmental Science



Course Outline

Year One

Biology, Chemistry/Physics, Introduction to Earth and Ocean Sciences, Hot Topics in Environmental Science, Irish Legal Systems, Introduction to Statistical Data & Probability

Year Two

Environmental Modules (Ecological Survey Techniques, Environmental Legislation), Botany and Plant Science Modules (Fundamentals in Aquatic Plant Science, Plant Diversity, Physiology & Adaptation), Earth and Ocean Sciences Modules (Ancient Earth Environments, Introduction to Palaeontology & Evolution), Microbiology Modules (Microbes and the Environment, Laboratory Skills in Microbiology), Zoology Modules (Invertebrate Biology, Vertebrate Zoology), Interdisciplinary Module (Evolution and the Tree of Life)

Year Three

Nature Conservation and Habitat Managements, Field Course with Environmental Skills, Habitat Management Planning, Legislation for Environmental Scientists, Environmental Microbiology, Marine Microbiology, Plant Ecology, Statistics, Plus four electives from a wide range of Modules

Year Four

Environmental Impact Assessment, Environmental Science Seminars, Marine Microbiology and Nutrient Cycling, Advanced Field Course in Environmental Science, Anaerobic Microbial Biotechnology & Systems Biology, Final Year Project, Plus two electives from a wide range of modules

Career Prospects

Our graduates work in a wide range of jobs in research, environmental consultancy, agri-environmental and planning agencies, recycling, waste management, water quality, toxicology, environmental health, town or transport planning, teaching, lecturing, environmental enforcement and compliance.

Employers include Environmental Protection agency, Geological Survey of Ireland, National Parks & Wildlife Service, Teagasc, An Taisce, Waterways Ireland, the Forestry Service, National Biodiversity Records Centre, Fisheries Boards, Marine Institute, Local Authorities and private Consultancy / Engineering companies in addition to private Laboratories.

BSc Financial Mathematics and Economics



Course Outline

Year One

Mathematics, Computer Science, Economics, Mathematics of Finance, Statistics and Probability, Mathematical Methods I, Financial Management

Year Two

Analysis I, Intermediate Macroeconomics, Probability, Mathematical Methods I, Intermediate Microeconomics, Linear Algebra, Introduction to Financial Economics, Computer Science, Discrete Mathematics, Modelling, Analysis and Simulation, Statistical Inference, Analysis II

Year Three

Applied Regression Models, Groups I, Topics in Microeconomic Theory, Annuities and Life Insurance, Money and Banking, Metric Spaces, Economics of Financial Markets, Topics in Macroeconomic Theory, Actuarial Mathematics I, Business Finance, Mathematical Modelling, Topology

Year Four

Actuarial Mathematics II: Life Contingencies, Numerical Analysis, Measure Theory, Final-year Project (over 2 semesters), Non-Linear Systems, Economics of Financial Markets Seminar I: Financial Modelling, Economics of Financial Markets Seminar II: Financial Derivatives, Neural Networks, Stochastic Processes, International Monetary Economics, Differential Equations with Financial Derivatives

Career Prospects

The demand from employers for well-qualified students with knowledge of how financial markets operate and how to use quantitative techniques to make informed investment decisions is substantial. Therefore, this programme has a near 100% employment record across a diverse range of sectors. Graduates from this programme can work primarily in financial services (e.g. JP Morgan, Goldman Sachs, Davy, Credit Suisse, First Derivatives), as an actuary (e.g. Mercer, AON Hewitt), or as economists (e.g. Central Bank of Ireland, NTMA, ECB). However, because of their strong numeracy skills, graduates have also secured employment as sports odds compilers (e.g. PaddyPower) and as accountants (e.g. Deloitte).

BSc Marine Science



Course Outline

Year One

Biology, Introduction to Earth and Ocean Sciences, Chemistry/Physics, Plus one of the following: Mathematics, Applied Mathematics

Year Two

Fundamentals in Aquatic Plant Science, Properties of the Ocean, Ocean Processes, Microbes and the Environment, Invertebrate Biology, Vertebrate Zoology, Plus at least two of the following: Molecular and cellular biology, Evolution and the tree of life, Laboratory skills

Year Three

Applied Aquatic Plant Science, Ocean Dynamics, Aquatic Geochemistry, Marine Microbiology, Geographic Information Systems and Biostatistics, Marine Zoology, Concepts in Population and Community Ecology, Plus electives

Year Four

Current Topics in Algal Research, Global Change, Marine Microbiology and Nutrient Cycling, Marine Science Essay and Presentation, Field Skills in Marine Science, Marine and Coastal Ecology, Research Project, Plus electives

Career Prospects

The course will prepare you to find work in the commercial or state regulatory sectors, e.g. the Marine Institute, Bord Iascaigh Mhara or the EPA, as well as in the fisheries sector, pollution and environmental impact assessment, environmental consultancies, non-government (environmental) organisations, aquaculture, education projects, basic and applied research institutes and universities.

BSc Health and Safety Systems



Course Outline

Year One

Biology, Mathematics, Chemistry/Physics, Communications and Computing, Introduction to Safety & Risk, Introduction to Health & Safety Law

Year Two

Human Gross Anatomy, Human and Safety Physiology, Introduction to Probability and Statistics, Health and Safety Law, Physics of the Environment, Analytical and Environmental Chemistry, Microbes and the Environment, Fundamentals of Operations Engineering, Safety Technology, Health and Safety Practice

Year Three

Occupational Health, Occupational Hygiene, Research Methods for Occupational Health & Safety, Law, Safety Systems Design, Ergonomic Design of the Workplace, Safety and Construction, Quality Systems, Professional Experience Programme (PEP)

Year Four

Project Management, Health and the Work Environment, Human and Systems Reliability, Regulatory Affairs and Case Studies, Health and Safety Project

Career Prospects

Typically graduates will seek opportunities to further their expertise in the pharmaceutical, biomedical, construction, project engineering, manufacturing, occupational health, public and business sectors. Career opportunities are to be found by working as a Safety Manager, an Occupational Hygienist, a Safety Consultant, a Health and Safety Officer, a Health Promotion Officer or as an Ergonomist. The key point is that health and safety is part of all organisations activities.



Studying in Galway is being an unforgettable experience, NUI Galway is a huge and amazing university, where people seem happy to work and innovate every day. The International Affairs deserve a special mention since they are making all possible to welcome and introduce us to the life in the city and in the university. Galway is a gorgeous and vibrant city that has the very best of Irish life. I feel extremely lucky to have the opportunity to live and study here for one year.

**Marcela Fregatto -
Geology Student, Brazil**



BSc Earth and Ocean Sciences

UG

Course Outline**Year One**

Introduction to Earth and Ocean Sciences, Plus three from the following: Applied Mathematics, Biology, Chemistry, Computer Science, Mathematics, Physics

Year Two

Ancient Earth Environments, Introduction to Palaeontology & Evolution, Crystallography and Mineralogy, Introduction to Field Skills, Properties of the Ocean, Ocean Processes, Plus one pathway from the following: Applied Mathematics Botany and Plant Science, Chemistry, Mathematical Studies, Mathematics, Microbiology, Physics and Applied Physics, Zoology, Plus electives from a range of Science modules

Year Three

Field Skills Training, Introduction to Geological Maps, Advanced Mapping, Plus one of the following module streams:

Stream A:

Ocean Dynamics, Aquatic Geochemistry, Introduction to Applied Field Hydrology, Applied and Environmental Geophysics

Stream B:

Igneous Petrology, Metamorphic Petrology, Sediments and the Sedimentary Record, Applied Palaeobiology

Plus electives from the alternate stream and/or a range of Science modules.

Year Four

Final Year Project, Field Techniques in Earth and Ocean Science, Global Change, Natural and Man-made Hazards, Four EOS advanced modules

Career Prospects

Graduates can pursue a range of career opportunities in diverse industries, including energy, raw materials, conservation and

education. Personnel are needed in Ireland and abroad to manage both the marine and terrestrial environments. See www.earthworksjobs.com to get an idea of the enormous range of opportunities for Earth and Ocean Scientists.

BSc Biopharmaceutical Chemistry

UG

Course Outline**Year One**

Chemistry, Physics, Biology, Plus one of following: Mathematical Studies, Mathematics, Computer Science, Applied Mathematics

Year Two

Chemistry Pathway, Biochemistry Pathway, Computers and Chemical Research (project and transferable skills), Fundamental Concepts in Pharmacology, Applied Concepts in Pharmacology

Year Three

Organic, Inorganic and Physical Chemistry, Drug Design & Drug Discovery, Analytical Chemistry and Molecular Structure, Experimental Chemistry I and II

Plus one of following: Cell Biology or Molecular Biology

Plus three of following: Protein

Biochemistry, Cell Signalling, Human Molecular Genetics, Industrial Chemistry, Industrial Validation

Year Four

Specialisation in Chemistry, Biopharmaceutical Chemistry: Protein based Therapeutics, Drug Development and Glycoconjugates, Industrial Biochemistry: Biotechnology, Mammalian Cell Growth and Bioprocess Monitoring, Research project relevant to Biopharmaceuticals

Career Prospects

The biopharmaceutical industry is an increasingly important player in the Irish economy. Biopharmaceutical companies located in Ireland include Abbott, Amgen, Centocor, Elan, Eli Lilly, Genemedix, Genzyme, Merck and Pfizer. These companies need graduates who are trained in chemistry and aspects of biotechnology. The Biopharmaceutical Chemistry degree is tailored to meet the needs of this industry.

BSc Mathematical Science

UG

Course Outline**Year One**

Applied Mathematics, Mathematics (also available through the medium

of Irish), Probability and Statistics, Introduction to Programming One of: Biology, Chemistry, Earth and Ocean Sciences, Physics, Mathematical Science Workshop Series

Year Two

Curriculum core consists of components from the following modules/pathways: Linear Algebra, Discrete Mathematics, Analysis, Probability, Statistical Inference, Mechanics, Mathematical Methods.

Up to one-third of the second year curriculum can be selected from a list of additional options, some offered from within the School and some available within other science disciplines, subject to first year prerequisites.

Year Three and Four

Selection of specialized modules from chosen areas of the Mathematical Sciences. Choices are flexible and possibilities include: Metric Spaces, Topology, Groups, Measure Theory, Functional Analysis, Rings, Field Theory, Numerical Analysis, Applied Regression Models, Statistical Modelling, Stochastic Processes, Time Series Analysis, Introduction to Bayesian Modelling, Probability Theory and Applications, Annuities & Life Assurance, Actuarial Mathematics, Life Contingencies, Mathematical Molecular Biology, Bioinformatics, Non-Linear Systems, Non-Linear Elasticity, Quantum Mechanics, Partial Differential Equations, Electromagnetism, Fluid Mechanics, Modelling, Cosmology and General Relativity, Cryptography, Mathematical & Logical aspects of Computing, Networking, Scientific Computing, Object-Orientated Programming/Internet Programming, Advanced Operating Systems, Object Oriented Software Design & Development, Artificial Intelligence, Neural Network, Graphics and Image Processing, Human Computer Interaction, Final year project in subject area of your choice.

Career Prospects

The reasoning skills and problem-solving abilities of Mathematical

Science graduates are highly valued and the career opportunities are diverse, both in the public and private sectors. Many graduates are employed in the financial and actuarial services, while others work in the IT industry, particularly in programming and software development. Others work in the pharmaceutical industry, doing clinical research, in secondary and tertiary education, and in the civil service.

“

I am honoured to receive the scholarship offered by the Government of Ireland for Indian students which covers my tuition fees and living expenses. It was my long term goal to study abroad and this scholarship made my dreams come true. I am looking forward to doing a PhD in my areas of interest. Moreover, the University offers advanced methods of teaching and research, which helps the students to get prepared for facing the competitive world. It's my pleasure to be in this college which makes us experience the unique combination of students from different cultures and backgrounds. One thing I would like to mention is people are so approachable and friendly in Ireland, which makes it special and distinct from other countries.

Sravanthi Bandla
MSc in Biomedical Science, India

”

BSc Physics – degree options in Applied, Astrophysics, Biomedical, Theoretical

UG

Course Outline**Year One**

Physics, Physics Special Topics, Applied Mathematics or Biology, Mathematics, Computing

Year Two

Physics (four modules), Plus eight additional modules chosen from an approved list in the following areas: Applied Mathematics, Astrophysics, Anatomy, Mathematics, Computing

Year Three

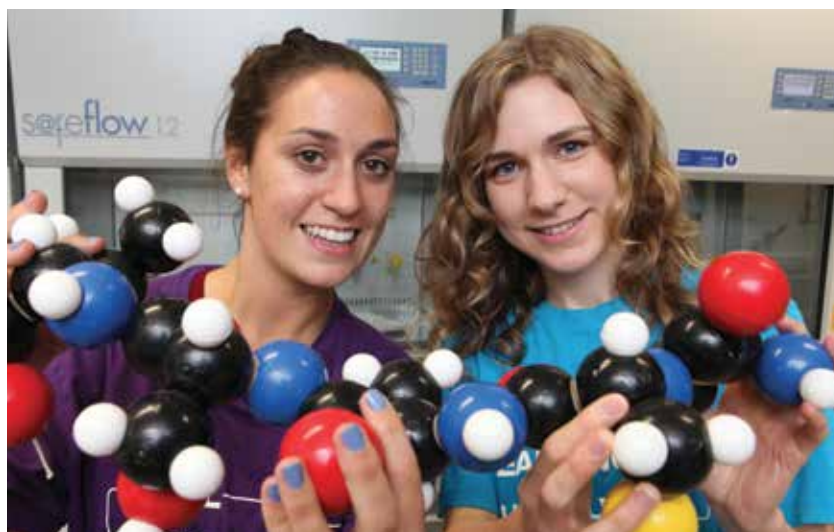
Physics (six modules), Plus six additional modules chosen from an approved list in the following areas: Applied Physics, Astrophysics, Biomedical Physics, Theoretical Physics, Other modules available in the College of Science

Year Four

Core Physics modules, Specialist Physics courses (Applied, Astrophysics, Biomedical, Theoretical Physics), Advanced laboratory, project work and problem solving

Career Prospects

A degree in Physics is an excellent training for employment in high-technology industries (e.g. communications, electronics, optics and photonics, semiconductors and medical devices) and also in fields such as education, meteorology, the environmental and medical sciences, and software design. A Physics degree can lead to an exciting career in fundamental research in any area of physics or in multidisciplinary areas such as nanotechnology, medical physics, biophysics, occupational health, and materials science. Theoretical physicists often work in the financial and actuarial sectors.





MSc Biomedical Science

PAC Code: GYS03

PG

Course Outline

The first two semesters consist of taught courses that will acquaint you with the basics of Biology, Chemistry and Physics, depending on your background. Also during the first two semesters, there will be a series of practical sessions that will familiarise you with different forms of instrumentation and techniques. During the final part of the programme, a research project will be undertaken.

The course covers the following areas: Material Science and Biomaterials, Tissue Engineering, Bioinformatics, Medical Imaging, Molecular Medicine, Product Development and Validation & Regulation, Optics and Lasers in Biomedicine, Introduction to Business.

Career Prospects

Located in the heart of Ireland's biomedical device industry cluster, NUI Galway offers excellent career

opportunities for biomedical science graduates. A wide variety of career opportunities exists for graduates of this programme. These include research and development in medical devices or pharmaceuticals in an industrial or academic setting, medical device sales, work in hospital laboratories and further postgraduate studies.

MSc Biotechnology

PAC Code: GYS04

PG

Course Outline

Core modules:

MSc Biotechnology research and/or work experience: Five month research project, Frontiers in Biotechnology: Tutorials introducing transferable skills and recent advances in biotechnology, Current Methodologies in Biotechnology: Laboratory techniques, fundamental to biotechnological research, Introduction to Business: Concepts of 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 two):

Advanced Industrial Processes, Applied Concepts in Pharmacology, Scientific Writing, Immunology, Quality Management Systems for Biotechnology, Introduction to Programming for Biologists



Career Prospects

A wide range of career options exist for graduates of this programme, such as employment in pharmaceutical industries, diagnostic services and academic research. Furthermore this programme is a springboard to PhD research opportunities.

Our recent graduates have found employment with Abbott, Allergan, ICON Clinical Research, Norbrook Laboratories and Pfizer. They are pursuing careers in manufacturing, quality assurance, product development and research, as well as in the broader sectors of sales, marketing and regulatory affairs.

MSc Climate Change, Agriculture and Food Security

PAC Code: GYS22

PG

Course Outline

The new MSc in Climate Change, Agriculture and Food Security (CCAFS) provides students with the skills and tools for developing agricultural practices, policies and measures to address the challenge that global warming poses for agriculture and food security worldwide.

Modules include CCAFS Science Communication Project, a CCAFS Journal Club, CCAFS Skills and Techniques Tutorials, and a CCAFS Research Project. A full list of modules is at www.nuigalway.ie/ccafs

Career Prospects

As the climate change challenge for sustainable development and business on the planet intensifies, there will be a need in all organisations for personnel skilled in both climate change adaptation and mitigation strategies/approaches for the development of greener economies, agrifood systems and low-environmental footprint supply chains. Graduates of this MSc will be well positioned for positions in research, policy, enterprise, business, administration and other activities across a wide range of

public and private sector institutions internationally. Career mentoring, advice, strategy and facilitation will be provided to all students on the MSc CCAFS to ensure that they rapidly enter employment in relevant institutions and activities where they can build from their interests, experience and training.

HDipAppSc/MA/MSc Mathematics

PAC Code: GYS16

PG

Course Outline

HDipAppSc: Students take a range of courses, such as Algebra, Analysis, Topology, Numerical Analysis, and Statistics. In addition, each student completes a project, supervised by an academic member of staff.

MSc: Students take four courses per semester. Throughout the year, students work on a minor dissertation on a topic of current interest, during which they receive training in modern research techniques, as well as developing presentation and report-writing skills. The school offers a lively environment for studying a Master's. There are several weekly research seminars on topics in various areas of Mathematics. Students are also encouraged to participate in the workshops hosted by the School's de Brún Centre for Computational Algebra.

MA: This is aimed at students with a strong degree in Honours Mathematics. It introduces advanced topics and concepts, preparing graduates for further doctoral studies. However, graduates are also in demand in the financial and semi-state sectors. The programme content is dynamic and research-led. Modules are designed to offer an insight into new and emerging areas of research mathematics.

Career Prospects

HDipAppSc: recent graduates have found employment in the education sector and the financial and actuarial industries, and have pursued Master's and PhD degrees in Mathematics.

MA/MSc: there is a strong demand for graduates with mathematical skills, and the ability to apply these skills in financial institutions, business firms and semi-state bodies.

MSc Medical Physics

PAC Code: GYS10

PG

NUI Galway's MSc in Medical Physics is the first European MSc programme to be awarded accreditation from the Commission on Accreditation of Medical Physics Education Programmes (CAMPEP) and the second programme worldwide.



Course Outline

The MSc consists of a fairly intense programme of lectures, workshops, laboratory sessions, tutorials and self-directed learning, followed by a four to five-month 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 like Clinical Instrumentation, Modules in Anatomy, Physiology, Medical Informatics and Safety and Risk Management. The course is accredited by the Institute of Physics and Engineering in Medicine (IPEM) and is, therefore, recognised as a component of IPEM professional training.

Career Prospects

The course has been successful in its aims in providing individuals with a good grounding in Medical Physics. A recent survey of graduates showed that around 75% of them 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 like the UK, the US, Australia and New Zealand.



I completed an MSc Neuropharmacology at NUI Galway. Studying in Galway was the best part of my life. I was so amazed to work and mingle with people from different corners of the globe. The University gave me a platform to explore complicated and advanced research in inflammatory pain in relation to the brain. Now I am working on a PhD at NUI Galway.

Manish Kumar
- Hyderabad, India PhD
(Science)



MSc Medical Technology Regulatory Affairs PG
PAC Code: GYS30

Course Outline

The programme consists of a two year part-time Level 9 MSc in Medical Technology Regulatory Affairs (90 credits). The programme shall be made available online using a combination of distance-learning / e-learning technologies and some face to face workshops for an overall blended learning approach. The educational elements will be provided by the Institute of Technology Sligo, and NUI Galway 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 2 Years (6 modules per year), and a research Project (30 ECTS), carried out over both years of the programme.

Year 1 modules:

EU Medical Technology Regulatory

Affairs - Introduction, US Medical Technology Regulatory Affairs- Introduction, Technical Report Writing, Global Medical Technology Regulatory Affairs - Part 1, Clinical Evaluation, Quality Management Systems

Year 2 modules:

EU Medical Technology Regulatory Affairs - Advanced, US Medical Technology Regulatory Affairs - Advanced, Risk Management, Labelling & Promotion, Global Medical Technology Regulatory Affairs - Part 2, Design Assurance, Sterilisation and Biocompatibility, Post Market Surveillance, Research Project and Thesis

Assessment of students will be through continuous assessment of each module, which will include written assignments, workshop-based problem solving, and open-book exams using multiple choices, matching questions as well as short and long answer questions. The Research Project thesis will also be assessed.

Career Prospects

This programme will equip graduates with essential knowledge and skills to work in a Regulatory Affairs environment within the highly successful and growing Irish Medical Technology industry sector.

The Irish Medical Devices Association (IMDA) states that the medical technology sector employs over 25,000 people, with 18 of the world's top 25 medical technology companies maintaining a base in Ireland and a further 50% of the 300 Medtech companies being indigenous. The sector is expected to continue to grow as stated in December 2014 by the Director of the IMDA Sinead Keogh: "IMDA's latest survey shows that confidence within the sector is improving steadily with nearly half of companies more confident now than they were three months ago and nearly half planning to hire new staff. Regulatory Affairs within the medical technology products sector is a relatively young, multidimensional profession that is international in scope. Operationally, a Regulatory Affairs professional is responsible for

assuring that pertinent government obligations, market-driven demands, and evolving scientific conventions are understood and addressed by various stakeholders of the medical and health care system. Given the evolving nature of international regulations, a regulatory affairs professional must continually grow their knowledge and skills to be effective and to advance in their careers.

Regulatory professionals at all career and experience levels are involved in activities throughout the product lifecycle, and most are involved to some degree in bridging the gap between regulatory-related functions and organisation and business activities.

MSc Neuropharmacology PG
PAC Code: GYS11

Course Outline

The programme is divided into three trimesters in the following manner:

Trimester 1:

Neuroscience, Central Neurotransmission, Fundamental Concepts in Pharmacology, Applied Concepts in Pharmacology, Experimental Methods in Pharmacology

Trimester 2:

Experimental Neuropharmacology, Current Topics in Neuropharmacology, Neuropharmacology & Therapeutics

Trimester 3:

Neuropharmacology Research Project

Career Prospects

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. In addition, approximately one-third have embarked on PhD research following graduation.

MSc Occupational and Environmental Health & Safety PG

PAC Code: GYS12

Course Outline

Students will study Occupational Health and Safety topics such as; Health and Safety Law, Occupational Health and Safety and Risk Management, Auditing, Occupational Hygiene, Ergonomics and Research Methods.

Students will be introduced to relevant domain experts through seminars, team-based project and workplace visits.

Career Prospects

There is continuous demand for Occupational Health and Safety graduates nationally and internationally.

The employment record for our graduates is excellent. Graduates are employed as Occupational Health and Safety professionals and managers, occupational hygienists, ergonomists, health and safety engineers, consultants and advisors across a range of sectors including, pharma, medical device and health care, as well as statutory bodies, local authorities and consulting firms nationally and internationally.

MSc Sustainable Resource Management: Policy and Practice PG

PAC Code: Not applicable, Apply online via ULs online application system

Course Outline

This novel course is a multidisciplinary approach to environmental sustainability devised by NUI Galway and the University of Limerick (UL).

Semester One comprises three modules taught in NUI Galway:

Ecosystem Assessment, Biodiversity and Conservation, and Environmental Problems and Solutions



Working as an infection control nurse and health and safety representative in a Kuwait Oil Company (KOC) hospital gave me a great sense of HSE awareness. One of the objectives of KOC is to develop an organisational culture that is mindful, informed, and fair with respect to Health & Safety. We continue to create a health programme for thousands of employees working in rural and remote project areas. We need to anticipate, evaluate, and set control measures of workplace environmental health hazards which may cause sickness, or impair health and well-being.

Finding this graduate programme at NUI Galway has set my future goals and will provide a better outcome for our employee training and control plan. This is a dynamic programme which could help you in developing a better future for your workplace, no matter what your background.

Mohammad Hasan - MSc (Occupational Health and Safety), Kuwait



Semester Two comprises four modules taught in UL: Material and Energy Flows, Urban Form and Transport, Urban Household Sustainability, and Sustainable Lifecycle Engineering.

Semester Three: Research Project based either at UL or NUI Galway.

Career Prospects

Opportunities exist within the green economy as governments, NGOs and corporations must work to meet environmental targets set under international obligations. Students will acquire translational and multidisciplinary skills in the environmental entrepreneurship and sustainability sector. Such skills will enable graduates to take on managerial roles within an industrial/corporate setting, or within a regulatory body or consultancy firm.

MSc Toxicology PG
PAC Code: GYS18

The programme is divided into three trimesters in the following manner:

Course Outline

Trimester 1:

Introduction to Toxicology, Applied Toxicology, Fundamental Concepts in Pharmacology, Applied Concepts in Pharmacology, Experimental Methods in Pharmacology

Trimester 2:

Experimental Toxicology, Current Topics in Toxicology, Advanced Toxicology

Trimester 3:

Toxicology Research Project

Career Prospects

Previous graduates of this programme have either found employment in toxicological testing 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.

Student Journey – Before You Arrive

1) Accept Your Offer

- Refer to your offer letter for instructions on how to accept your offer.
- If you are not sure about how to accept your offer, please email international@nuigalway.ie for further information.

Conditional Offers

- The University may on occasion issue an applicant with a conditional offer. The conditions will vary from case to case, but typically a student will be made a conditional offer where he/she has not fulfilled all of the requirements for entry to their chosen programme.
- The conditions will be set out clearly in the offer letter or in an e-mail from NUI Galway.

2) Pay Your Deposit/Tuition Fee

- Refer to your offer letter for your tuition fee and information on any

deposit required as the rules and procedures regarding payment of fees and/or deposits can vary depending on the programme you have been accepted to.

- If you are required to pay a deposit, deposit payment will be deducted from your annual tuition fee.
- All annual tuition fees, unless otherwise stated in your letter of offer, must be paid in full before you can register as a student at NUI Galway.

Payment

Option 1: PaytoStudy (Recommended for non-EU Students)

- Non-European Union (EU) students are strongly advised to pay their tuition fee through the PaytoStudy website <https://nuigalway.studentfees.ie/>
- PaytoStudy payments usually take less than 48 hours and the receipt is accepted as proof of payment

of tuition fees by the Irish National Immigration Service (INIS) for study visa applications and at the point of entry to Ireland.

- PaytoStudy also avoids international bank charges and because you pay in your own currency, the University receives the exact amount owed.

Option 2: Bank Transfer

Alternatively, international students can also pay their tuition fee by international bank transfer using the following details:

Bank of Ireland,
43 Eyre Square, Galway

A/C No: 28454143

A/C Name: National University of Ireland, Galway

IBAN: IE43 BOFI 9038 1628 4541 43

Sort Code: 90-38-16

Swift Code/BIC: BOF IIE2D

Please ensure you quote your 8 digit application number on all wire transactions. Please note that the processing time and the fee for sending international wire transfers may vary from bank to bank. Please allow for up to 10 working days for processing if paying by bank transfer.

Option 3: Online Debit/Credit Card payment

Please contact International Admissions for further information on how to pay online using a debit/credit card
internationaladmissions@nuigalway.ie



3) Plan Your Budget

The table opposite gives an indication of the monthly cost of living in Galway as a student. These costs are an approximation only as monthly costs will depend on each person's individual needs.

Federal Aid - US Students

NUI Galway is approved by the US government to certify financial aid under the William D. Ford Direct Loan Program. US citizens attending NUI Galway as full time degree seeking students can arrange private or Federal Direct Loans to finance their education. Eligible students advised to consult NUI Galway's Federal Aid webpage at <http://www.nuigalway.ie/international-students/feesfinance/federalaid/>



I am studying Accounting at NUI Galway. When I first came to Galway, I felt that it was the most serenely beautiful city I had ever seen! During my first year, the teachers were all so professional and thoughtful towards us.

Lao Suining, Undergraduate Business Student, China



4) Health Insurance

Student Health Unit

A service is available to all NUI Galway students in the Student Health Unit on campus. The Student Health Unit is located in Áras na Mac Léinn and it can be contacted on the following telephone numbers:

- 353-91-492604 (9:00-17:00)
- 353-87-2623997 (24 hour emergency number)

Monthly	€ Per Month
Accommodation	€340
Food	€260
Electricity and Oil	€80
Books And Study Materials	€60
Clothes, Laundry, Utilities	€60
Recreation	€180
Other	€160
Total Per Month	€1,140

Pre-Existing Medical Conditions

If you have a pre-existing medical condition, it is important for you to contact us prior to your arrival by emailing healthunit@nuigalway.ie to ensure that all your medical needs can be met as some overseas medications are not licenced for use here in Ireland. Please also ensure that you bring all your relevant medical documentation from home with you and register with the Student Health Unit.

Health Insurance

All Non-EU students are advised to ensure that they have comprehensive health insurance, which includes cover in the event of hospitalisation in Ireland. Students may wish to take out private health insurance in their country of origin or with an Irish health insurance company.

Medicover

Medicover is a medical expenses insurance policy available exclusively to students travelling to Ireland from overseas to undertake a course of study at an approved educational establishment. This can be purchased online before travelling to Ireland at <http://www.odon.ie/nuig.aspx>

Irish Health insurance Companies

- VHI Healthcare - www.vhi.ie (10% discount for NUI Galway students - located in Eyre Sq., Galway)
- Aviva - <http://www.aviva.ie>
- Laya Healthcare - <http://www.layahealthcare.ie>

Irish Health Insurance companies can only provide cover to students once they arrive in the country. Students

cannot apply for cover with an Irish company while they are still living abroad.

All Non-EU students, including citizens of non-visa required countries including the United States, Canada and Malaysia, must present proof of comprehensive medical insurance when registering with the Garda National Immigration Bureau (GNIB) after they arrive in Ireland and complete their student registration.



I am currently studying English and Psychological Studies in my second year at NUI Galway. I chose NUI Galway because I love Galway City and the school couldn't be a better fit.

My two subjects, English and Psychological Studies are the perfect fit for what I was looking for. I've come to Ireland ever since I was a child and I couldn't be happier that I now get to live here year round in one of my favorite cities.

Siobhan Keenan, Undergraduate Arts Student, USA



5) Apply for a Study Visa

Visa Exempted Countries

- Not all international students require a study visa for Ireland but must still register their presence in the Irish State with the Garda National Immigration Bureau after arrival in Ireland.
- A list of nationalities that do not require a Student Visa to study in Ireland can be found at <http://www.nuigalway.ie/international>
- Citizens from countries not appearing on this list are required to obtain a Study Visa to study in Ireland.

Applying for a Visa

You must make your visa application on-line using the AVATS on-line facility <https://www.visas.inis.gov.ie/avats/OnlineHome.aspx>

Study visa applications should contain the following documents:

- Passport, valid for 12 months
- Signed summary of your on-line application form
- 2 passport sized colour photos
- A signed letter of application
- A Letter of Acceptance from the university
- Submit all exam results obtained, along with your qualification certificates
- If you are currently studying, an original letter from your current place of study
- Provide information about any gaps in your education

Proof of Finances

Provide evidence that you have access to sufficient funds to cover your tuition fees and cost of living expenses.

- A detailed statement of your and/or your sponsors' bank account(s) covering a six-month period immediately prior to your visa application
- Letters from your sponsor's employer
- You must list each person sponsoring you, and give clear details of their relationship to you
- Note: The estimated cost of living

in Ireland for a student for one academic year is €7,000

- Letter from the university confirming payment of fees if made by Bank Transfer

Alternative Evidence of Finance

Lodge an "Education Bond" with a minimum value of €7,000 with <https://educationbondireland.com/>

Proof of Medical Insurance

Non-EU students from visa required countries must present proof of medical insurance when applying for a student visa. Please email international@nuigalway.ie or visit <http://www.nuigalway.ie/international> for further information

Please note that this is a brief guide and that you should visit <http://www.nuigalway.ie/international> and contact your nearest Irish Embassy for more in-depth information <https://www.dfa.ie/embassies/irish-embassies-abroad/>

6) Accommodation

There are a variety of accommodation options to choose from at NUI Galway:

- University student residences (self-catering, off campus)
- Private rented accommodation (house/apartment)
- Self-catering accommodation with owner

Student Residences

There are a number of official Student Residences providing self-catering housing specifically for NUI Galway students that are within a 15-20 minutes walk from the main campus.

Each unit usually includes 2-3 bedrooms, a small kitchen area and a shared living space. Students therefore have the option of preparing their own meals in their own apartment, which can be cheaper than eating on campus.

To book Student Resident room please contact the Accommodation Office at <http://www.nuigalway.ie/student-life/accommodation>

Private Rented Accommodation

There is a wide range of properties available to students in Galway and staff in the Accommodation Office at the university will be able to help you find a suitable place to live <http://www.nuigalway.ie/student-life/accommodation>



Key Dates 2016/17

Please see http://www.nuigalway.ie/academic_dates/academic_term_dates.html for the Academic Calendar Dates 2016/2017.

7) How to Get to Galway

Airports

- Most international students arrive in Ireland at one of the two main airports: Dublin Airport or Shannon Airport.
- Citylink, GoBus and Bus Eireann provide frequent bus departures from outside of Dublin Airport, Terminal 1 direct to Galway.
- The direct bus journey from Dublin Airport to Galway takes approximately 3 hours.
- Bus Eireann operates a regular service from outside the main terminal building to Galway.
- The bus journey from Shannon airport takes approximately 2 hours (Check Bus Eireann timetable).

Train

- Irish Rail provides a train service from Dublin to Galway.
- The Galway train station (Ceannt Station) is located in the centre of Galway City and is a 20 minute walk from the NUI Galway campus.

Bus

- Galway is well served by national bus operators including Bus Eireann, City Link and GoBus.
- Galway Bus Station is located in the centre of Galway City and is a 20 minute walk from the NUI Galway campus.

What to Pack

Ireland has a temperate climate, which means it may be cooler and damper compared to your home country. Temperatures are relatively mild for most of the year and snowfall or freezing temperatures are comparatively rare.

Galway has numerous shops and you should have no difficulty finding anything you need after you arrive.

You should think about bringing the following in your luggage:

- ✓ light raincoat with a warm lining
- ✓ ski jacket (for colder weather)
- ✓ light weight jacket or windbreaker (for warmer weather)

- ✓ pyjamas
- ✓ hiking boots (if you plan to hike in the Irish countryside)
- ✓ jeans
- ✓ shorts
- ✓ bathing suit
- ✓ hat, scarf and gloves
- ✓ underwear and socks
- ✓ gymwear
- ✓ comfortable walking shoes or sneakers - Galway is a compact city and students tend to walk most places rather than take a bus or drive

8) Immigration in Ireland

Students will be required to demonstrate that they are entering Ireland in order to enrol as a student and the Immigration Officer may ask to see some or all of the following documents:

- Passport
- Study visa if applicable
- Letter of offer from NUI Galway
- Proof of fee payment of at least €6,000
- Proof of medical insurance
- Proof that you have funds to support your stay in Ireland e.g. bank statements, sponsorship letter if applicable.

Register with Garda National Immigration Bureau in Ireland (GNIB)

Your passport details will be recorded and your passport will be stamped with a date by which you must register with the GNIB. Generally speaking non-EU students are granted 30 days during which they may register with the GNIB. This time period is at the discretion of the immigration officer at your point of entry to the Irish State.

The GNIB office is located at Unit 3, Liosbaun Industrial Estate, Tuam Road, Galway and the telephone number is +353 (0) 91 768002.

A fee of €300 will be charged to register with the GNIB and you will need to produce the following documents:

- Passport
- Current NUI Galway student identity card
- Letter from the university confirming your course of study
- Proof of your residential address in Galway e.g. a utility bill with your name and address, or a letter from your landlord/student residence
- Proof of comprehensive medical insurance
- Proof that you have funds to support your stay in Ireland e.g. bank statements, sponsorship letter if applicable.



I like how my programme balances both the theory and the practical and I've found the teaching staff to be friendly and helpful and always available for questions or to meet them in their office time.

The New Engineering Building is a fantastic facility especially for me.

Galway is a nice place to live in. The people here are very friendly and everything is nearby you which makes life simpler.

Hamad Alawadhi,
Undergraduate
Engineering Student, UAE





Please visit <http://www.nuigalway.ie/international> for further information

10) Opening a Bank Account

There are two banks on campus and you will need the following documentation to open an account:

- Passport
- NUI Galway student identity card
- Letter from NUI Galway confirming your student status, your home address and your Galway address (this letter can be obtained from the International Affairs Office once you have registered as a student).

11) Working in Ireland

Personal Public Service (PPS) Number

Students intending to work while in Ireland and/or graduate students in receipt of research funding from the University require a PPS number for tax purposes.

Non-EU/EEA students must register with the GNIB before applying for a PPS number. PPS applications can be made at the Social Welfare Office, Hynes Building, St. Augustine Street, Galway (T: +353 (0)91 500800).

12) Mobile Phones

There are 5 main mobile phone service providers in Ireland that offer a wide range of price plans. Please refer to the websites for information on special offers, price plans and free web text service.

- www.vodafone.ie
- www.meteor.ie
- www.3ireland.ie
- www.tescomobile.ie
- www.emobile.ie

9) Orientation

Full Time Degree Students

Academic orientation for all full degree international students is College specific and will take place from the end of August. See this page <http://www.nuigalway.ie/orientation/#d.en.52507> for further details.

Visiting Students

Academic orientation for visiting students only will take place on the last Friday before term starts.

All International Students

Support services orientation for all international students

Venue: Bailey Allen Hall, Áras na Mac Léinn (Student Centre)

Date: Thursday before term starts

Areas Covered:

- Student Health
- Counselling services
- Blackboard
- Sports Clubs and Student Societies
- Library
- Computer Services
- Banking

- Student safety
- Volunteering opportunities
- GNIB Registration (Non-EU/EEA students)

Other Activities for All International Students

Fáilte (Welcome!) Mornings

Each day for the first week of term all newly arrived students are invited to attend an informal gathering where they can meet with staff of the International Affairs Office, ask questions and get to know each other.

Walking Tour of Galway

The International Affairs Office arranges walking tours of Galway on the weekend after orientation. You can book a place on one of the tours at <http://www.eventbrite.ie/o/international-office-nui-galway-5788491778>

Library Training and Tour

The Library will provide Library Orientation for the students for the first weeks of term. Students can book a session that suits them at <http://www.eventbrite.ie/e/getting-started-in-the-library-tickets-14526363745?aff=eorg>

Contact Details

University Contacts

International Affairs Office

NUI Galway
7 Distillery Road
Galway
Ireland

t: + 353 (0)91 49 5277
e: international@nuigalway.ie
www.nuigalway.ie/international

Accommodation Office

Aras Ui Chathail, NUI Galway
Galway
Ireland

t: + 353 (0) 91 49 2364
e: teresa.kelly@nuigalway.ie
www.nuigalway.ie/accommodation/

Fees Office

Ui Chathail, NUI Galway Galway
Ireland

t: + 353 (0) 91 49 2386
e: fees@nuigalway.ie
www.nuigalway.ie/fees

Students' Union

www.su.nuigalway.ie

Campus Map

http://www.nuigalway.ie/campus_map/

Facebook

<https://www.facebook.com/studyabroadgalway>

Twitter

<https://twitter.com/StudyInGalway>

Facebook Group

<https://www.facebook.com/groups/122749311134617/>

General Information

Irish Council for International Students

www.icosirl.ie/

Education in Ireland

<http://www.educationinireland.com/en/>

Irish Government Information

www.oasis.gov.ie

Visa/immigration Information

www.inis.gov.ie

Transport

www.dublinairport.com
www.shannonairport.com
www.citylink.ie
www.gobus.ie
www.buseireann.ie
www.irishrail.ie

Accommodation

www.galwayadvertiser.ie
www.daft.ie
www.collegecribs.ie
www.myhome.ie
www.let.ie
www.winterspm.com
www.castle-estates.ie
www.homesekers.ie
www.snoozlehostelgalway.ie
www.sleepzone.ie
www.barnacles.ie
www.kinlaygalway.ie

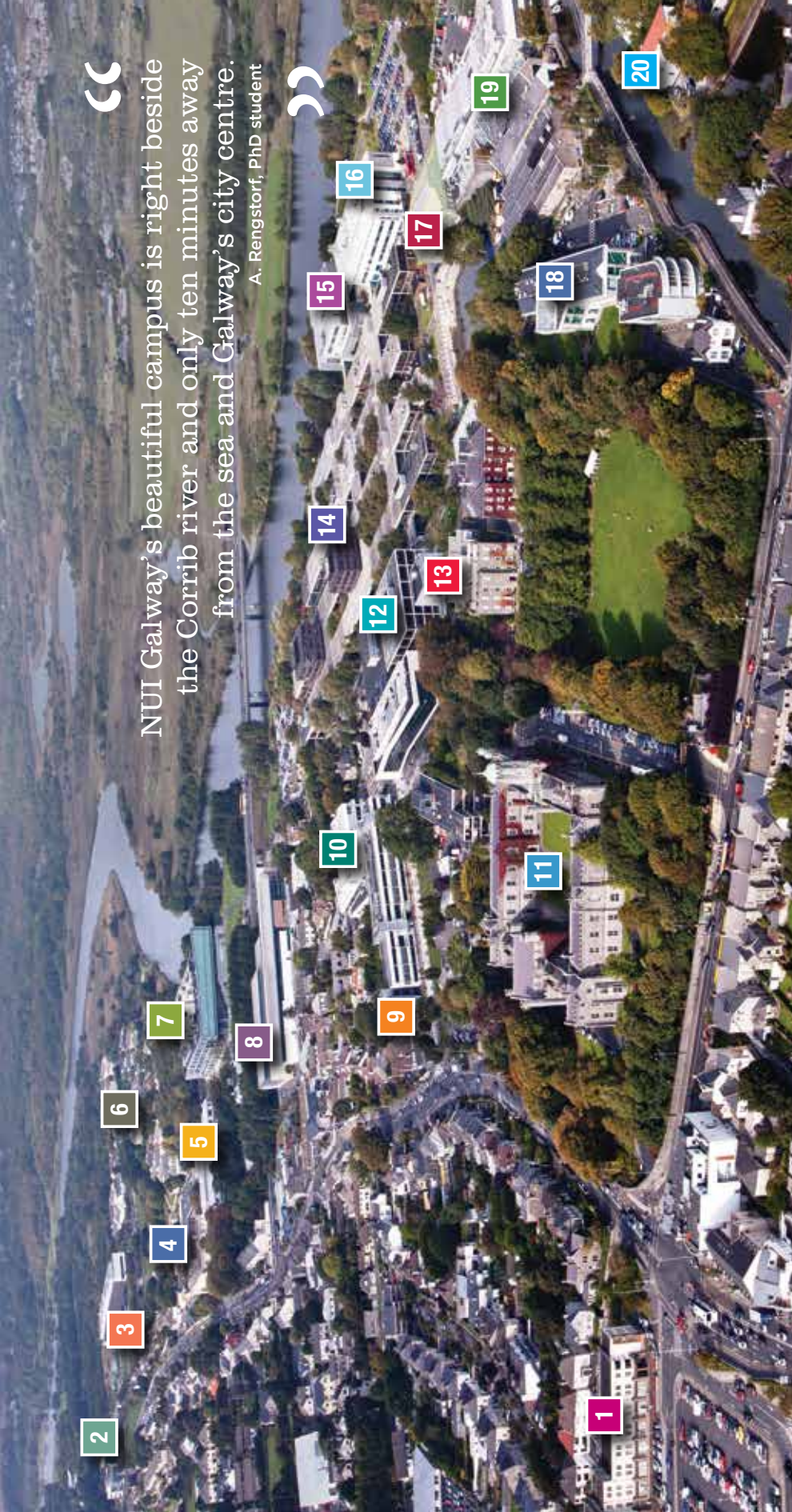


NUI Galway is a richly diverse university, with a strong international focus. We have a commitment to globalisation through our strategy of attracting the best students internationally, supported by a strong team of international academics who are at the forefront of their fields.

Professor Brian Hughes Dean of International Affairs



“ NUI Galway’s beautiful campus is right beside the Corrib river and only ten minutes away from the sea and Galway’s city centre. ”
 A. Rengstorf, PhD student



- 1 University Hospital Galway
- 2 Life Course Studies Building
- 3 Biosciences Research Building
- 4 J.E. Cairnes School of Business and Economics
- 5 Áras Moyola

- 6 Corrib Village
- 7 Engineering Building
- 8 Sports Centre
- 9 Arts Millennium Building
- 10 School of Psychology
- 11 The Quadrangle

- 12 James Hardiman Library
- 13 Áras na Gaeilge
- 14 Arts/Science Building
- 15 IT Building
- 16 Orbsen Building
- 17 Áras Uí Chathail / Student Information Desk (SID)

- 18 Ryan Institute (Martin Ryan Building)
- 19 Áras na Mac Léinn and Bailey Allen Hall
- 20 Huston School of Film & Digital Media



International



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