



NUI Galway  
OÉ Gaillimh

# WHERE IT ALL BEGINS

**NUI GALWAY**  
Undergraduate Prospectus  
2019









## Welcome to NUI Galway

Your university experience is about more than just your course, its about the next chapter in your life.

At NUI Galway we want to build on your passion for learning and encourage and support your desire to develop as a person, to explore new interests and to remain curious.

NUI Galway is ranked in the top 1% of global universities\* so you can expect to be challenged and inspired.

Here is where... you will be given the support, knowledge, skills and self-confidence to achieve your goals and reach your full potential.

\*(Based on QS World University Rankings)

## Your University city

Imagine a city where learning, creativity and life come together as one.

Galway city, nestles on the doorstep of the NUI Galway campus. The city and university have grown together, entwined for hundreds of years, creating a unique, safe and exciting home from home.

Galway is a city overflowing with creativity from year-long festivals to the creation of medical device solutions shaping health care across the globe.

We're part of a city with a big heart and soul, that's alive with passion and pride.

Here is where we celebrate the place, the people, and the feeling of inclusivity that makes NUI Galway so unique.





Galway is steeped in history: from medieval streets to modern thoroughfares, there is so much to see and do. A single day could see you hillwalking in rugged Connemara in the morning, lazing on the beach in Salthill in the afternoon and enjoying the cultural treasures of medieval lanes at night, while also sampling our unique award-winning cafés and restaurants.

In a recent European survey Galway city was ranked the best small city in Europe for 'cultural vibrancy' and for its 'creative economy'.

Galway is set to become European Capital of Culture in 2020, and already the city and our campus are gearing up to celebrate this unique honour in spectacular fashion.





# SUMMERTIME IN THE CITY

## Friends for life

You will shortly embark on the next exciting chapter of your life. As an NUI Galway student you will be joining a vibrant, caring and close-knit university community.

At NUI Galway, community means we have an intensity of ambition that drives us to achieve great things. We work together because we want to succeed together.

Community means creating lasting friendships and wonderful memories together.

NUI Galway ignites connections that stay with you for life.



# E VIBES OF - TRIBE\$



The Greenwich Village  
**Joe's PIZZERIA**  
S I N C E  
www.joespizzeria.com  
7 Carmine Street New York, NY 10014 (212) 366-1182  
150 East 14th Street New York, NY 10003 (212) 388-9474

2 7 5 8 3

@ 9 6 1 1







## Sport at NUI Galway

Sport is central to student life at NUI Galway, and our sporting facilities are some of the best of any Irish university. We have fostered national and international champions in rugby, rowing, boxing, swimming, basketball, athletics, windsurfing, climbing and sailing.

This year has seen NUI Galway students achieve significant sporting success.

- NUI Galway students represented Ireland or Irish university teams in 10 different sports
- Our sports clubs won Gold in 12 disciplines at the Intervarsity level
- NUI Galway's teams won All-Irelands in: Athletics, Judo, Rowing, Men's Basketball, Women's Soccer, Cricket, and Women's Rugby.



## Sports facilities

NUI Galway's 6,500 sq. ft. sports complex is located on the University campus and is ideal for all students as a meeting point for sports activity.

Our athletes have achieved recognition in their chosen sports at the Olympic Games, World Championships, University World Championships, European Championships and Rugby Six Nations and as inter-county players in all five Gaelic sports.



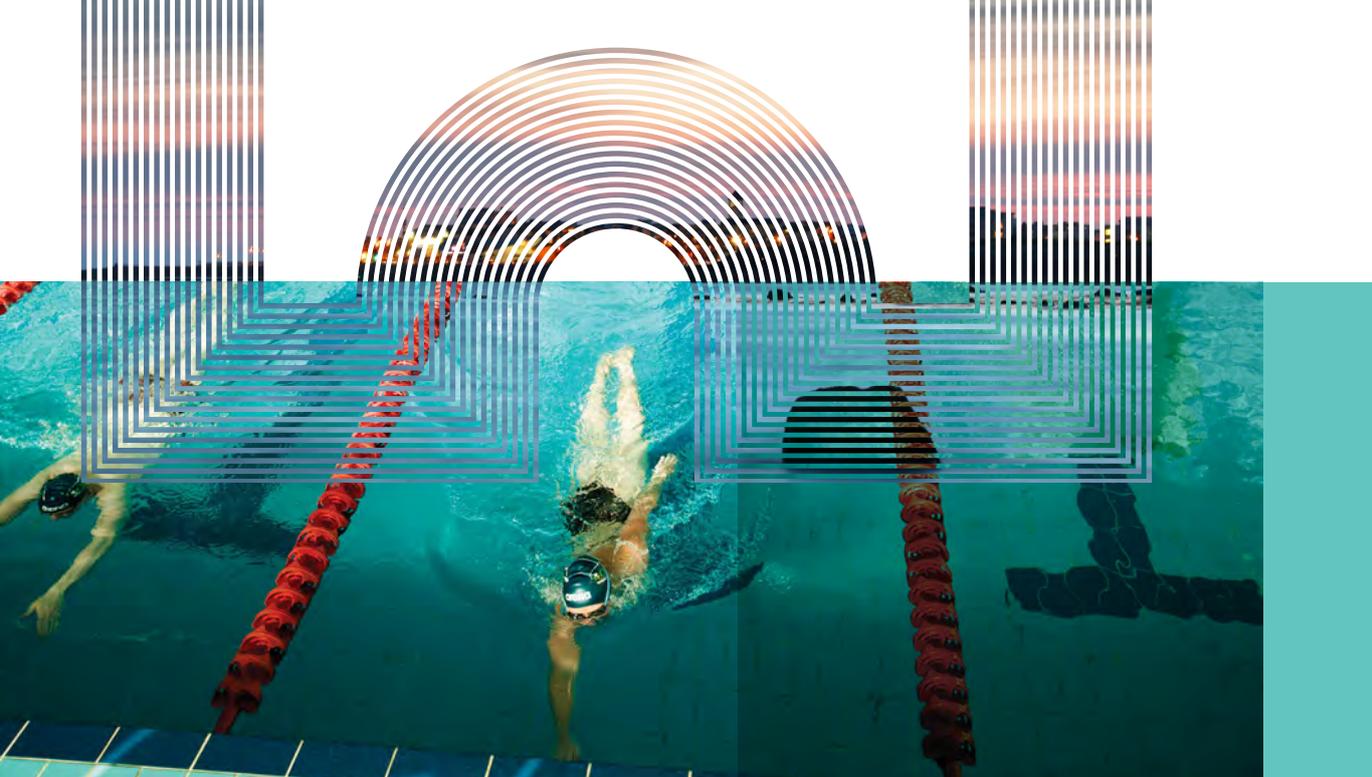
### Our state-of-the-art facilities include:

- Six-lane, 25-metre swimming pool
- National League basketball arena and sports hall
- 100-piece cardiovascular gym with
- 35 pieces of resistance equipment
- Dedicated elite training gym
- Two fitness studios
- Squash courts
- Racquetball courts
- Competitive climbing wall
- Saunas and steam room

### Our outdoor facilities include:

- Eight-lane, synthetic international-standard track
- Grass pitches for Gaelic games, soccer and rugby
- Flood-lit, all-weather surface catering for all field sports





### Sports scholarships

We offer a wide range of sport scholarships that reward students who are performing at the highest level of their sport while also pursuing their academic studies. Our generous sports scholarship packages include financial and medical support, nutritional support and advice and sports psychology.

- Sports Performance Points Scholarships rewards students with exceptional sporting achievement and future potential with 40 CAO Performance Points that can be used for entry into undergraduate courses with the exception of Medicine (GY501).
- The Elite Athlete Scholarship has been one of the most successful schemes in the county in supporting young talented athletes reaching the top of their sport and achieving academic excellence.
- The Helen M. Moran Scholarship is offered to a student who has demonstrated a high level of achievement in Gaelic football.

### Your sports clubs

There are 45 active and vibrant sports clubs at NUI Galway. Joining and participating in a sports club will provide you with lasting memories of college life. Clubs at NUI Galway include 27 Olympic sports, team sports – both indoor and outdoor – a full range of water sports, and adventure, recreational and snow sports.

From rowing to water polo, mountaineering to scuba-diving, Ultimate Frisbee to five-a-side soccer, there is a club for everyone at NUI Galway.

NUI Galway's clubs compete at national competitions and have enjoyed many successes. Each year NUI Galway awards a number of Sports Awards which recognise sporting performance, leadership and participation, as well as those who contribute to the running and development of the NUI Galway sports clubs.

Find out more [nuigalway.ie/sport](http://nuigalway.ie/sport)



## World class research

At NUI Galway we encourage our students to develop original thinking, push boundaries and participate in finding solutions for global challenges. Our research benefits humanity, society and the economy.

We collaborate with research institutions and companies globally in our key areas of strengths which include: harnessing technology, improving human health, nurturing creativity, shaping society and sustaining the planet. Many of our graduates have gone onto become leading researchers in their chosen fields.



**Dr. Jessamyn Fairfield**  
NUI Galway





## Arctic Circle Exploration

*An exciting expedition to the Arctic Circle.*

Nanoscience physicist Dr Jessamyn Fairfield, from the School of Physics, was chosen to embark on a fascinating two-week Science Residency Program, travelling on board the ship *Antigua*, participating in a program that brought together scientists and artists to explore how the Arctic and its exploration meet with art, science, architecture, education and activism.

The expedition travelled around the islands of Svalbard between mainland Norway and the North Pole. It is one of the world's northernmost inhabited areas, known for its rugged, remote terrain of glaciers and frozen tundra sheltering polar bears, Svalbard reindeer and Arctic foxes. The Northern Lights are visible during winter, and summer brings the "midnight sun" sunlight 24 hours a day.

The Arctic has long held a special fascination for Jessamyn who says; It's such a stark environment: brutal and yet full of life and beauty. While I have no desire to freeze to death, I wanted to see the edge of the world, listen to nature and search for humanity. The raw and beautiful environment of the Arctic Circle is the perfect place to bring together scientists, artists, and innovators. I was delighted to be selected for the expedition, where I worked on a Cerenkov detector made from Arctic ice to detect cosmic rays.

Jessamyn is also the director of Bright Club in Ireland which encourages academics to discuss their work through stand-up comedy. She has run 23 Bright Club events, teaching academics how to use comedy to discuss their work. Jessamyn writes her own long-standing blog, *Let's Talk About Science*, which is a top Google Search result for information about electronics.

## Building your employability

Your career does not just start when you graduate.

Through our strong links with business and our highly valued reputation in industry, we offer our students every opportunity to develop their personal and professional skills, providing an excellent foundation from which to launch your career.

NUI Galway graduates are successfully employed at high-profile organisations throughout the world, including Facebook, Apple, JP Morgan, GlaxoSmithKline, Google, TG4, RTE and PWC to name but a few.

Our dedicated Career Development team offers career guidance and advice to help you manage your own career development.



**Over 70% of our degree courses now offer a work placement and/or a study abroad opportunity, ensuring that our graduates are workplace ready with a global focus.**

Our student voluntary service – ALIVE – is the largest student voluntary service in Ireland, providing our students with local, national and international opportunities to hone their skills as change makers and influencers on the global stage.

[studentvolunteer.ie/nuigalway/](http://studentvolunteer.ie/nuigalway/)



**NUI Galway has one of the highest graduate employment rates of any Irish university. In 2017 only 2% of our graduates were still seeking employment six months after graduation.**

In the academic year 2017/18, 1,150 graduate jobs were advertised with our Career Development Centre, clearly demonstrating robust demand for our graduates across all sectors of the economy.



# Why NUI Galway?



Based on the QS World University Rankings, NUI Galway is ranked in the top 1% of global universities.



In 2018 NUI Galway secured the Sunday Times University of the Year.



We have been voted as one of the top 30 most beautiful campuses in Europe.



98% of our graduates are in employment or further study within six months of graduating.



We've completed a multi-million euro capital programme, to ensure the best and most up-to-date learning and recreational facilities for our students.



Tá 10% de mhic léinn na hOllscoile ag déanamh staidéir ar an nGaeilge nó trí mheán na Gaeilge.

# Find out for yourself



## NUI Galway's Open Days

Friday 5th October 2018

Saturday 6th October 2018

Saturday 6th April 2019

Come and see for yourself why our campus has been voted one of the most beautiful university campuses in Europe.

Open Days are the perfect opportunity for you and your family to experience life at NUI Galway first hand. Visit us and immerse yourself in our vibrant and diverse community. Meet our world-leading academics, our current students and see how they can inspire you.

### Coming to a town near you...

We hold regional information evening's throughout Ireland, where we bring the NUI Galway student experience to you. Meet us in:

- **Athlone**- 8th November, 2018
- **Tralee**- 22nd November, 2018
- **Dundalk**- 6th December, 2018
- **Letterkenny**- 17th January, 2019
- **NUI Galway**- 24th January, 2019

[nuigalway.ie/opendays](http://nuigalway.ie/opendays)

### Guided Campus Tours

You can book a guided tour of the campus, which will be led by one of our current students, by emailing [visit@nuigalway.ie](mailto:visit@nuigalway.ie)

### School visits

To arrange for a university representative to visit your school please contact us directly.

**t.** +353 91 492814

**e.** [schoolvisits@nuigalway.ie](mailto:schoolvisits@nuigalway.ie)

# NUI Galway Courses

## College of Arts, Social Sciences, and Celtic Studies

<b>GY101</b>	Bachelor of Arts (Joint-Honours)	23
<b>GY104</b>	Bachelor of Arts (Psychology)	48
<b>GY105</b>	Bachelor of Arts (History)	49
<b>GY109</b>	Bachelor of Arts (Mathematics and Education)	50
<b>GY110</b>	Bachelor of Arts with Children's Studies	51
<b>GY111</b>	Bachelor of Arts with Creative Writing	52
<b>GY112</b>	Bachelor of Arts with Film Studies	53
<b>GY113</b>	Bachelor of Arts with Human Rights	54
<b>GY115</b>	Bachelor of Arts with Performing Arts Studies	55
<b>GY118</b>	Bachelor of Arts (Drama, Theatre and Performance Studies)	57
<b>GY119</b>	Bachelor of Arts with Journalism	56
<b>GY120</b>	Bachelor of Arts (Child, Youth and Family: Policy and Practice)	58
<b>GY121</b>	Bachelor of Arts (Children's Studies)	59
<b>GY123</b>	Bachelor of Science (Applied Social Sciences)	60
<b>GY124</b>	Bachelor of Arts (Arts with Data Science)	61
<b>GY125</b>	Bachelor of Arts (Digital Arts and Technology)	62
<b>GY126</b>	Bachelor of Arts (English and Media Studies)	63
<b>GY127</b>	Bachelor of Arts (Film and Digital Media)	64
<b>GY128</b>	Bachelor of Arts (Global Languages)	65
<b>GY129</b>	Bachelor of Arts (International)	66
<b>GY130</b>	Bachelor of Arts (Music)	67
<b>GY131</b>	Bachelor of Arts (History and Globalisation Studies) <b>NEW</b>	68
<b>GY132</b>	Bachelor of Arts Government (Politics, Economics and Law) <b>NEW</b>	69
<b>GY133</b>	Bachelor of Arts Education (Computer Science and Mathematical Studies) <b>NEW</b>	70

## St Angela's College, Sligo

<b>AS051</b>	Bachelor of Applied Science in Nutrition, Food and Business Management	71
<b>AS001</b>	Bachelor of Arts (Education, Home Economics and Biology)	72
<b>AS002</b>	Bachelor of Arts (Education, Home Economics and Religious Education)	73
<b>AS003</b>	Bachelor of Arts (Education, Home Economics and Irish)	74

## Acadamh na hOllscolaíochta Gaeilge

<b>Cúrsaí Gaeilge do Mhic Léinn / Irish Language Courses for Students</b>		<b>79</b>
<b>GY122</b>	BA (Cumarsáid agus Gaeilge)	80
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## College of Business, Public Policy and Law

### J. E. Cairnes School of Business & Economics

<b>GY201</b>	Bachelor of Commerce	89
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<b>GY204</b>	Bachelor of Commerce (International with Spanish)	91
<b>GY206</b>	Bachelor of Science (Business Information Systems)	92
<b>GY207</b>	Bachelor of Commerce (Accounting)	93
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### Shannon College of Hotel Management

<b>GY261</b>	Bachelor of Business Studies (International Hotel Management)	97
<b>GY262</b>	Bachelor of Commerce (International Hotel Management)	98

### School of Law

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<b>GY250</b>	Bachelor of Law and Business	102
<b>GY252</b>	Bachelor of Law and Human Rights <b>NEW</b>	103
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### College of Engineering and Informatics

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<b>GY402</b>	Bachelor of Engineering (Civil)	112
<b>GY405</b>	Bachelor of Engineering (Mechanical)	113
<b>GY406</b>	Bachelor of Engineering (Electronic and Computer)	114
<b>GY408</b>	Bachelor of Engineering (Biomedical)	115
<b>GY410</b>	Bachelor of Science (Project and Construction Management)	118
<b>GY413</b>	Bachelor of Engineering (Energy Systems)	116
<b>GY414</b>	Bachelor of Engineering (Electrical and Electronic)	117
<b>GY350</b>	Bachelor of Science (Computer Science and Information Technology)	119

### College of Medicine, Nursing and Health Sciences

<b>GY501</b>	Bachelor of Medicine (MB) of Surgery (BCh) and of Obstetrics) (BAO)	124
<b>GY502</b>	Bachelor of Science (Occupational Therapy)	127
<b>GY503</b>	Bachelor of Science (Speech and Language Therapy)	128
<b>GY504</b>	Bachelor of Science (Podiatric Medicine)	129
<b>GY515</b>	Bachelor of Nursing Science (General)	130
<b>GY516</b>	Bachelor of Mental Health Nursing	131
<b>GY517</b>	Bachelor of Midwifery Science	132

### St Angela's College, Sligo

<b>AS110</b>	Bachelor of Nursing Science (General)	133
<b>AS130</b>	Bachelor of Nursing Science (Intellectual Disability)	134

### College of Science

<b>GY301</b>	Bachelor of Science	139
<b>GY303</b>	Bachelor of Science (Biomedical Science)	145
<b>GY304</b>	Bachelor of Science (Biotechnology)	146
<b>GY308</b>	Bachelor of Science (Environmental Science)	147
<b>GY309</b>	Bachelor of Science (Financial Mathematics and Economics)	148
<b>GY310</b>	Bachelor of Science (Marine Science)	149
<b>GY313</b>	Bachelor of Science (Environmental Health and Safety)	150
<b>GY314</b>	Bachelor of Science (Earth and Ocean Sciences)	151
<b>GY318</b>	Bachelor of Science (Biopharmaceutical Chemistry)	152
<b>GY319</b>	Bachelor of Science (Mathematical Science)	153
<b>GY320</b>	Bachelor of Science (Physics - degree options in Applied, Astrophysics, Biomedical, Theoretical)	154







## College of Arts, Social Sciences, and Celtic Studies

Our Bachelor of Arts courses are recognised as top quality degrees offered by a world renowned University and taught by leading academic experts.

Across our course range, we aim to foster values and skills that equip our students with the expertise necessary to change society for the better. Our graduates have the ability to distil and critically assess information, to think innovatively and act independently. They demonstrate excellent analytical skills, precise communication skills, and can work effectively on their own initiative and in teams.

In delivering excellence across our degrees, we have a student-centered ethos that provides a space for students to learn and develop both personally and professionally.

"I graduated from NUI Galway with a BA in English and History. At the end of my three-year degree, I applied for and was accepted onto the MA in Journalism at NUI Galway. I was selected to carry out my placement with Highland Radio in my hometown of Letterkenny and was offered a job shortly thereafter. I am currently a full-time broadcast journalist with Highland Radio – Ireland's number one local radio station. I absolutely love my work and ultimately that's the goal of every university graduate!"

**Catherine Gaffney**

Letterkenny, County Donegal,  
BA (English and History)

GY101

# Bachelor of Arts (Joint-Honours)

## WHY CHOOSE THIS COURSE?

- ▶ This is one of Ireland's most popular undergraduate degree programmes, with a key attraction being the wide range of two-subject degree combinations available
- ▶ A total of 356 different subject combinations are available
- ▶ The course provides a route to multiple career opportunities. Students interested in a career in primary or secondary level teaching may enter these professions through the BA (Joint-Honours)

## COURSE FACTS

**CAO Code:** GY101

**Course Level:** 8

**Duration:** 3 or 4 years depending on the pathway that you take.

**Minimum Entry Points 2018:** 300

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/ H7 in the Leaving Certificate, including Irish, English, another language and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 850

## PROGRAMME STRUCTURE

You will study three subjects in Year One and then pursue two of the subjects you pass in first year to degree level. During orientation week, you will have the opportunity to learn about all the subjects that are on offer and how different subject combinations fit well together. Talks by students and lecturers on the different subjects available can be found on [www.youtube.com/user/thinkingaboutnuig/](http://www.youtube.com/user/thinkingaboutnuig/)

<b>FIRST YEAR</b> 3 Subjects College Skills Passport	<b>Subject A</b> 20 ECTS	<b>Subject B</b> 20 ECTS	<b>Subject C</b> 20 ECTS
<b>SECOND YEAR</b> 2 Subjects + 1 Skill	<b>Subject A</b> 25 ECTS	<b>Subject B</b> 25 ECTS	<b>Skills</b> 10 ECTS
<b>THIRD YEAR</b> Optional	<b>Optional Opportunities for Students</b> <ul style="list-style-type: none"> <li>Study Abroad (compulsory with some languages)</li> <li>Work/Community Placement</li> <li>Diploma/Further Study</li> </ul>		
<b>FINAL YEAR</b> 2 Subjects College Skills Passport	<b>Subject A</b> 30 ECTS	<b>Subject B</b> 30 ECTS	

When deciding on your subject combinations please refer to table on page 24 to see what subject combinations are available.

## WORK PLACEMENT

Fieldwork is a feature of specific subjects, where, in addition to specialist skills, students learn how to work both in teams and independently. Work placements may also be provided with some modules. Final-year research projects encourage independent working, knowledge acquisition and evaluation, and the writing of polished reports.

## SKILLS CURRICULUM

Building on feedback from our students and following discussions with employers, an integrated skills curriculum has been introduced as part of BA (Joint-Honours). Skills are delivered throughout all classes offered on the programme. Our 'skills-pillar' is designed to enable students to think through, recognise, and articulate clearly the skills developed as part of the overall BA (Joint-Honours) experience. This culminates in an opportunity for each student to develop a '**College Skills Passport**'. Over the course of the BA (Joint-Honours) degree, students can gain up to five badges for their 'College Skills Passport'. Each badge highlights the skills developed through successful engagement with subjects in the College of Arts, Social Sciences, and Celtic Studies.

## STUDY ABROAD

Students can opt to spend a year studying abroad. In addition to an extensive network of Erasmus links with universities across the EU, we have study abroad opportunities in Canada and the USA, Central and South America, and China. Some language students spend their year abroad on approved work placements as language assistants.

## CAREER OPPORTUNITIES

Arts graduates can be found in almost every walk of life, and BA (Joint-Honours) graduates from NUI Galway occupy leading positions in commercial, social, educational and public organisations at home and abroad. The website below gives examples of careers taken up by Arts graduates and has useful advice for those seeking to take up employment on completion of their Arts degree: [www.nuigalway.ie/choose-arts/](http://www.nuigalway.ie/choose-arts/)

## FURTHER STUDY

The University offers a wide range of taught master's degrees and postgraduate diploma programmes of interest to Arts graduates. The College of Arts, Social Sciences, and Celtic Studies also offers a number of structured PhD programmes. These programmes can be viewed at: [www.nuigalway.ie/courses/](http://www.nuigalway.ie/courses/).

## YOU MIGHT ALSO LIKE

- GY111 Bachelor of Arts with Creative Writing
- GY110 Bachelor of Arts with Children Studies
- GY115 Bachelor of Arts with Performing Studies

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 493 958

**e.** [collegearts@nuigalway.ie](mailto:collegearts@nuigalway.ie)

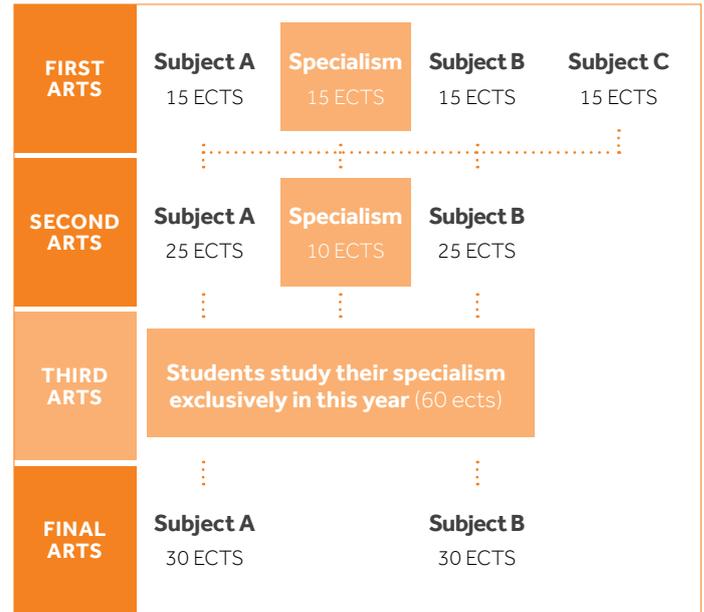
**w.** [nuigalway.ie/GY101](http://www.nuigalway.ie/GY101)

# Subject Combinations available on GY101, BA CONNECT degrees and specialist BA degrees

## BA CONNECT

GROUP ONE	GROUP TWO
Archaeology French Mathematics Mathematics for Data Science** Media Studies**	Law Psychology Celtic Civilisation Human Rights* Film Studies* Digital Culture** Film and Digital Media** Media and Technology** Globalisation Studies**
GROUP THREE	GROUP FOUR
Classics Geography German Modern Irish Culture (Music and Literature) Journalism* Léann na Cumarsáide** Cumarsáid**	English Economics Children Studies* Global Languages**
GROUP FIVE	GROUP SIX
Sociological and Political Studies Information Technology Léann an Aistriúcháin Creative Writing* Performing Art Studies* Drama and Theatre Studies** Data Science** IT for Arts and Humanities**	History Spanish Music**
	GROUP SEVEN
	Gaeilge Italian Philosophy

### BA CONNECT COURSE STRUCTURE



### BA CONNECT DEGREE COURSES

A BA CONNECT programme is a four-year degree that offers you all the benefits of a two subject Bachelor of Arts degree with a specialism of your choice.

NUI Galway currently offer six BA CONNECT degree courses;

- GY110 BA with Children Studies
- GY111 BA with Creative Writing
- GY112 BA with Film Studies
- GY113 BA with Human Rights
- GY115 BA with Performing Art Studies
- GY119 BA with Journalism

### NOTES

The subjects in black are the subjects offered through GY101

You cannot choose more than one subject from a group.

\*These subjects are ONLY available to students taking the relevant BA CONNECT degrees.

\*\*These subjects are ONLY available to students taking the relevant BA degrees.

The following pages contain detailed subject descriptions for GY101.

## GY101 Subject

# Archaeology

### WHY CHOOSE THIS SUBJECT?

- ▶ Archaeology is the study of human society through the recovery and analysis of its material remains (i.e., objects, monuments, burials, etc.)
- ▶ From digital survey and excavation to learning how history, myth and legend can be used to complement the archaeological record, archaeology provides students with a deep understanding of the forces that have shaped our world, from the earliest human records to the nineteenth century
- ▶ Our course has a strong emphasis on fieldwork and interpretation and strikes a good balance between practical, field and laboratory skills and academic training

### YOUR COURSE YEAR BY YEAR

#### FIRST YEAR

- Recording Monuments in the Landscape (not available to BA CONNECT Programmes)
- Prehistoric Ireland and Europe
- Material culture and Museums
- Medieval Ireland and Europe

#### SECOND YEAR

- People, Ritual and Death: Life in Early Prehistoric Europe
- Castles, Colonists and Crannógs 1100–1350
- Sacred Places and Christian Buildings in Medieval Ireland
- Early Kingship: From Chaos to Cosmos
- Space, Place and the Irish Landscape (joint course with Geography)
- Archaeology and Mythical Landscapes of Atlantic Ireland (visiting students and HDip)
- Interpretation in Archaeology
- Archaeology in Practice
- Making Sense of Art: Style, Symbol and Story
- Ancient Civilisations

#### THIRD YEAR

- Metal, Warfare and Chiefdoms: The Bronze Age Roots of European Civilisation
- Public Archaeology
- Explaining Prehistory: Current Trends
- Gaelic Peoples: Identity and Cultural Practice
- The Development of the Castle in Medieval Europe
- Minor Dissertation
- Palaeoecology: Reconstructing Past Environments
- Landscape and Archaeology: Context and Practice

#### WORK PLACEMENT

We have placements with four Irish archaeological field schools that provide excavation and survey experience. Placements are for up to four weeks, and occur during the summer months. Students can also find placements on excavations abroad, and in museums, and heritage centres.

#### STUDY ABROAD

The Erasmus student exchange programme offers you the opportunity to study abroad in year three. Archaeology has Erasmus agreements with Glasgow University (Scotland) and Charles University (Czech Republic). Students taking a modern language can also study archaeology overseas. Our staff have international research links with universities in Europe and the USA, sit on the boards of a number of international research bodies, and have a teaching exchange with Lund University (Sweden).

#### CAREER OPPORTUNITIES

Studying Archaeology is the first step to a professional qualification. The employment landscape is very broad, ranging from forensic archaeology to museums. While commercial sector archaeology, typically working in pre-development contexts, is a regular employment destination in Ireland and abroad, there is also growing understanding of Archaeology's significance for present-day communities, as well as its cultural, educational, tourism and amenity values.



"I wanted to study somewhere that archaeology was infused with the local culture. NUI Galway's archaeology programme provided a unique opportunity to not only study the past in the lecture theatre, but also visit and learn about archaeological sites with distinguished lecturers."

Frank J. Hall is a Galway Doctoral Scholar examining the end of castle-building and the transition to fortified houses and 'stronghouses' in early modern Ireland.

#### FURTHER STUDY

- MA Landscape Archaeology
- MLitt Archaeology
- HDip in Archaeology
- Structured PhD in Archaeology

#### FIND OUT MORE

Dr Kieran O' Connor  
First Year Co-Ordinator

e. [kieran.d.oconnor@nuigalway.ie](mailto:kieran.d.oconnor@nuigalway.ie)  
w. [nuigalway.ie/archaeology/](http://nuigalway.ie/archaeology/)



GY101 Subject

# Celtic Civilisation

## WHY CHOOSE THIS SUBJECT?

- ▶ Celtic Civilisation is the study of the legacy of the Celts in the world, from when we first encounter the Celts in history to recent times. We examine the formation of the peoples and nations of Ireland, Northern and Western Britain, and France in the early Middle Ages and study aspects of their civilisation in early-modern and modern western Europe
- ▶ You are taken on a journey into a hidden history of Europe and European identities and ideas in Ireland, Wales, Scotland and elsewhere

## YOUR COURSE YEAR BY YEAR

### FIRST YEAR

- Medieval Celtic Literature (Wales and Ireland)
- Early and Medieval History of the Celts
- Celtic Mythology, Religion and Folklore

### SECOND YEAR

- Medieval Irish Literature c. 700–1100
- Society and Social Institutions
- The Stories of Medieval Wales
- King Arthur and the Holy Grail
- Ancient Celtic Myths
- Celtic Languages in the Modern World
- Medieval Irish Language I, II

### FINAL YEAR

- Cultural Impact of Christianity
- Poetry of Medieval Wales
- The Celtic Languages and their Relatives
- Poets and Courts: Medieval Celtic Literature 1150–1400
- The Invention of the Celt: Concepts and Perspectives
- Medieval Women in the Celtic-Speaking West
- Medieval Irish Language III, IV

You may also select certain modules from Archaeology, Classics, History and English in Year 2 and Final Year.



“The opportunity to study medieval Celtic literature and languages gave my studies in Archaeology a deeper and more vibrant perspective. I could not recommend it more.”

Kelsey Holmes, BA (Celtic Civilisation and Archaeology)

## STUDY ABROAD

In third year, you will have the opportunity to study abroad as part of the Erasmus programme at universities in Wales, Scotland, Brittany, Germany, Sweden and the Netherlands, among other locations.

## CAREER OPPORTUNITIES

Celtic Civilisation provides opportunities for career development in the media, publishing, heritage, education or academic sectors.



## FURTHER STUDY

- MA (Old and Middle Irish) Full-time
- MA (Medieval Studies) Full-time
- MA (Irish Studies – Literature and History) Full-time, Part-time

## FIND OUT MORE

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# GY101 Subject Classics

## WHY CHOOSE THIS SUBJECT?

- ▶ Classics is the study of the origins and early development of language, literature, art and thought
- ▶ Students are usually complete beginners to this fascinating and challenging subject. In the first year course, you read Greek myths and Roman poetry while studying the art and architecture created in those societies
- ▶ In second and final year Classics, you will have the opportunity to specialise in several possible directions. Many begin the study of Greek and/or Latin in small group workshops, while others pursue specialist studies in such fields as art and architecture, language and literature, national histories, and the Classical tradition

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Myth and Religion in the Ancient City
- Rome and the Genesis of Europe
- The Roots of European Languages
- Classics in Twenty Objects

### YEAR TWO

- Ancient literature, history and ideas
- Presentation skills and PowerPoint project
- Options in ancient languages and linguistics

### YEAR THREE

- Greeks, Romans and barbarians
- Ireland and the Ancient World
- Classical themes in art history
- Options in ancient languages
- Options in medieval studies

## STUDY ABROAD

An attractive option is to combine Classics with a modern language, with the opportunity of transferring to the BA (International) degree course, which includes a year spent at a university in another European country. At NUI Galway, Classics also has strong research links with teams working on Mediterranean archaeology, the early history of languages, and medieval manuscript culture at universities throughout Europe.

## CAREER OPPORTUNITIES

Classics provides an ideal springboard for creative and cultural careers, and many of our graduates obtain employment in such areas as intercultural work, heritage and museums, publishing and communications, public service and education. Many other graduates continue to postgraduate study and research, usually in ancient and medieval languages or in material culture and art history, including museum studies.



"Classics gave me a rich understanding of all of these subjects and trained me to engage in analytical, evaluative and lateral thinking. I recommend Classics to anyone who cares about human history, language and thought."

Sarah Corrigan

## FURTHER STUDY

- MA (Classics)
- MA (Medieval Studies)
- Structured PhD in Classics
- Structured PhD in Medieval Studies

## FIND OUT MORE

Professor Michael Clarke  
Discipline of Classics  
School of Languages, Literatures and Cultures

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## GY101 Subject

# Economics

### WHY CHOOSE THIS SUBJECT?

- ▶ Studying Economics gives you an opportunity to deepen your understanding of current affairs, the economics of the market place, how economic factors influence politics and how economic issues have influenced the course of history
- ▶ We teach university-level Economics from 'scratch'; you don't need to have studied Economics before (e.g., at Leaving Certificate level). Most of the students who are studying Economics now have not taken the subject before
- ▶ NUI Galway has a long and proud tradition of research-led teaching in Economics of international standing

### YOUR COURSE YEAR BY YEAR

#### YEAR ONE

- Principles of Microeconomics
- Skills for Economics 1
- Principles of Macroeconomics
- Skills for Economics 2
- Plus two other arts subjects

#### YEAR TWO

- Intermediate Microeconomics
- Mathematics for Economics
- Plus choose one of two options:
  - Irish Economic History

or

- Comparative Economic Thought
- Intermediate Macroeconomics
- Statistics for Economics
- Plus choose one of two options:
  - Economics of Public Policy

or

- Introduction to Financial Economics
- Plus one other arts subject

#### YEAR THREE

- Microeconomics and Public Policy
- Plus choose two other 5-credit modules:
  - Health Economics
  - International Economics
  - Money and Banking
  - Environmental and Natural Resource Economics
  - Econometrics
  - Ireland, Europe, and the Global Economy
- Macroeconomics and Public Policy
- Plus choose two other 5-credit modules:
  - Economics of Financial Markets
  - Public Economics
  - Marine Economics
  - Development Economics
  - Agricultural and Food Economics
- Plus one other arts subject

### STUDY ABROAD

In second year, interested students may apply to spend third year studying at a university in either mainland Europe or other countries such as Canada, USA, or China, before progressing into final year of their degree. For example, students recently have spent a year in universities in Germany, Sweden and the Netherlands.

### CAREER OPPORTUNITIES

A degree in Economics provides you with a wide array of both subject-specific and transferable skills, of enormous importance to the world in which we live. Graduating in Economics can lead to you working for a variety of employers, including governments, private companies and non-governmental organisations (NGOs).



"The skills obtained were a springboard that opened up a range of professional opportunities as a public policy economist. Galway itself is a wonderfully vibrant student town."

Tom McDonnell  
BA (Economics and Law)



### FURTHER STUDY

- MEconSc (International Finance)
- MSc (Health Economics)
- MSc (Global Environmental Economics)

### FIND OUT MORE

Dr Aidan Kane  
Head of Economics

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## GY101 Subject

# English

### WHY CHOOSE THIS SUBJECT?

- ▶ In 2017 and again in 2018 our discipline of English was named in the top 100–150 English Departments worldwide
- ▶ The study of English is the study of creative expression in the English language. We examine novels, stories, plays, poems, films, journalism and digital media by women and men from many historical periods, and from various parts of the world, including regions such as Ireland, Britain, North America, Africa and Asia
- ▶ We help you develop your own critical thinking and communication skills to an advanced level

### YOUR COURSE YEAR BY YEAR

#### FIRST YEAR

All students doing English will take two lecture modules each semester, and one skills-based tutorial module over both semesters. Students on the BA (Joint-Honours) and denominated programmes will also take one additional lecture module over both semesters.

Lecture modules include sections on:

- Introduction to Fiction
- Introduction to Poetry
- Introduction to Drama and Theatre
- Critical Perspectives on Literature
- Literature in the Social World

#### SECOND YEAR AND FINAL YEAR

Students take two lecture courses and one seminar in each semester during Years 2 and 3.

#### Lecture course options may include:

- Medieval Literature
- Media, Culture and Society
- Eighteenth Century Studies
- Novelty, Conflict, Scandal: Reading the Early Modern World
- Drama and Theatre Studies
- Worlds in Revolt: Romanticisms
- Stage and Page: The Early Modern Imagination
- Genre Studies
- Nineteenth Century British Literature
- Studies in Science Fiction and Fantasy Literature
- Literature of the Digital Age
- Modern Irish Literature
- Contemporary Literature
- Modernism/Postmodernism



"Studying English at NUI Galway has been greatly rewarding. I found the modules on offer intriguing and multi-dimensional."

Leigh Jordan

#### Seminar options may include:

- Creative Writing
- Exploring the Creative Arts
- Shakespeare on Screen
- Gender and Globalisation in Modern Ireland
- Masculinity and Crisis
- Arthurian Literature
- African Fiction
- Writing Animals
- Children's Fiction
- The Brontës

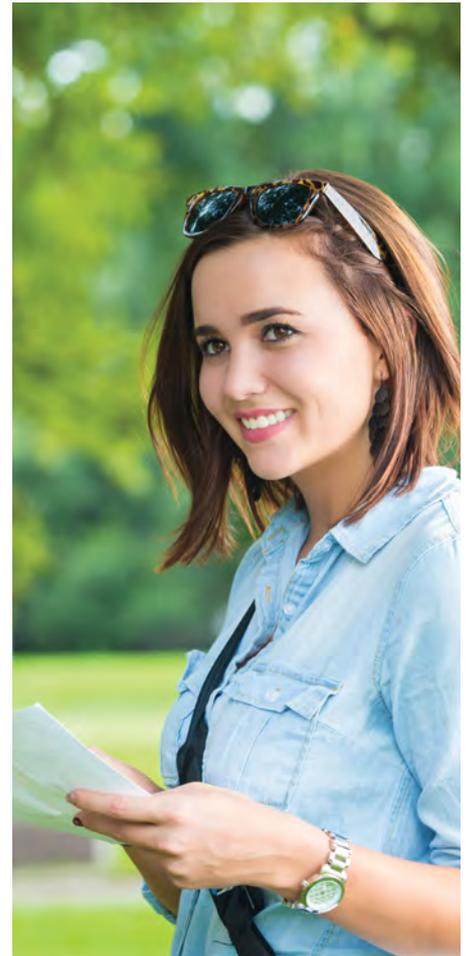
Full lists of options are available on our website:  
<http://www.nuigalway.ie/english/>

#### STUDY ABROAD

In second year, interested students may apply to spend third year studying at a university in either mainland Europe or other countries such as Canada, USA, or China, before progressing into final year of their degree.

#### CAREER OPPORTUNITIES

English is a flexible subject that provides graduates with highly valued skills applicable to a variety of occupations. Graduates of English have found employment in teaching, journalism, the creative arts, public service, media, information technology, digital game design, law, public relations, heritage industries, management, librarianship, professional writing and many other fields.



#### FURTHER STUDY

A qualification in English offers many opportunities for further study including:

- MA (English) Full-time, Part-time
- MA (Digital Cultures) Full-time, Part-time
- MA (Culture and Colonialism) Full-time, Part-time
- MA (Creative Writing) Full-time, Part-time
- MA (Journalism) Full-time, Part-time

#### FIND OUT MORE

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## GY101 Subject

# French

Tá an t-ábhar seo ar fáil trí Ghaeilge/This subject is available through Irish

**WHY CHOOSE THIS SUBJECT?**

- ▶ French is one of the most widely spoken languages in the world, both as a first language, mainly in Europe and North America, and as a second language globally, including many parts of Africa
- ▶ Students of French acquire a high level of written and spoken skills so that they can communicate accurately and effectively
- ▶ French at NUI Galway can be studied through English or Irish

**YOUR COURSE YEAR BY YEAR****YEAR ONE**

- Introduction to French Language and Culture
- Introduction to French Literature in Context

**YEAR TWO**

- French Literature and Relationships
- Introduction to French Textual Analysis
- French Language Games and Variations
- French Literary Genres (Novel, Poetry, Theatre —Seventeenth to Nineteenth Centuries)
- Francophone Literatures
- Autobiography—Contemporary Approaches
- France on Stage and Screen

**YEAR THREE**

- Year Abroad—Erasmus/Assistantship /Work placement

**YEAR FOUR**

- Reading French History as Literature
- French Media and Information
- The Power of French Images
- Language and Identity in the Francophone World
- Language and Identity in Medieval France
- French Sport and Identity
- French Literary Genres (Novel, Poetry, Theatre —Twentieth century)
- Gender and Identity in French Literature



"My Erasmus experience in Toulouse was one of the best years of my life!"

Nora Baker, Bachelor of Arts with Creative Writing (French and Italian) 2017

**WORK PLACEMENT**

Students typically spend a year abroad on the EU-funded Erasmus exchange programme, either as a full-time student or employed as a language assistant in a school. Whether through study or a work placement, you will significantly enhance both your linguistic abilities and your intercultural skills. Your placement abroad also means that you will be eligible, at the successful conclusion of your studies, for the award of the BA (International) degree, reflecting this additional experience.

**STUDY ABROAD**

Students have the opportunity to spend their third year at a university in France or Belgium, or teaching in a French school. In addition to Erasmus exchange agreements with 17 European partner institutions, our staff also have individual research links with universities across the Francophone World, from Quebec to North Africa.

**CAREER OPPORTUNITIES**

French is rated as the third most useful language for business, behind only English and Chinese. Our students acquire a high level of communication skills, finding employment in a wide variety of situations, both in Ireland and abroad, including education, administration, media, marketing, translation and interpreting. Former students are currently employed by institutions (e.g., European Union), by non-governmental organisations (NGOs) (such as GOAL), and by companies including Pernod Ricard and L'Oréal.

**NOTE**

Students wishing to take First Year French are expected to have attained a Grade H4 in French in the Leaving Certificate. Students should note that choosing to study a modern language to degree level involves spending a period, normally a year, abroad in a country or region where the language for which they are registered is widely spoken. Students studying French, German, Italian and/ or Spanish as part of the BA (Joint-Honours) will have the opportunity to transfer to the BA (International) programme upon successful completion of an academic workload and/or language assistantship during their year abroad (Year 3 of the four-year BA (International) degree).

**FURTHER STUDY**

- MA (French)
- MA (Advanced Language Skills)
- MA (International Contemporary Literatures and Media)
- MA (Translation)
- Structured PhD in French

**FIND OUT MORE**

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## GY101 Subject

## Gaeilge

## CÉN FÁTH A ROGHNÓFÁ AN GHAELIGE?

- ▶ Cuireann clár Gaeilge OÉ Gaillimh oiliúint chuimsitheach ar fáil i dTeanga, Litríocht agus i gCultúr na Gaeilge. Beidh deis ag mic léinn forbairt a dhéanamh ar an nGaeilge a fuair siad ar scoil. Bíonn deis acu líofacht a bhaint amach i labhairt na Gaeilge agus cruinneas ina scríobh

- ▶ Tá cáil idirnáisiúnta ar na léachtóirí Gaeilge mar scoláirí bisiúla. Tá múinteoirí teanga ardlíofa againn a bhfuil taithí fhada acu a bheith ag cabhrú le mic léinn
- ▶ Is buntáiste breise é an campas dátheangach. Ina theannta sin, beidh deis ag mic léinn Seimeastar Gaeltachta/Socrúchán Oibre a dhéanamh mar chuid den chéim

## WHY CHOOSE GAEILGE?

- ▶ The study of Gaeilge to degree level at NUI Galway involves a four-year programme. As a student of Gaeilge, you will spend third year off-campus, with one semester in the Gaeltacht and the other semester on a work placement in the Irish language sector
- ▶ The experience will enhance your linguistic and research competence and prioritise career readiness. Entering through the CAO points system under the code GY101, students choose Gaeilge and two other subjects in first year and then progress with Gaeilge and one other subject into second year. If you decide to choose a modern continental language with Gaeilge, you will spend a single semester on an Erasmus exchange and/or applied placement overseas, in addition to a single semester in a Gaeltacht setting

## IMLÍNE AN CHÚRSA

## BLIAIN A HAON

- An Teanga Bheo 1 agus 2
- Scéal agus Pobal na Gaeilge
- Litríocht agus Cultúr na Linne

## BLIAIN A DÓ

- Teanga na Nua-Ghaeilge I agus II
- An Nualitricht I agus II
- Litríocht na Gaeilge 1200-1900 I
- Teanga agus Pobal I

## BLIAIN A TRÍ

- Seimeastar ar champas Gaeltachta
- Seimeastar ar shocrúchán oibre nó thar lear

## BLIAIN A CEATHAIR

- Teanga na Nua-Ghaeilge III agus IV
- Litríocht na Gaeilge I agus II
- Litríocht na Gaeilge 1200-1900 II
- Teanga agus Pobal II

## SOCRÚCHÁIN OIBRE

Mar chuid den tríú bliain, caithfidh scoláirí seimeastar ag staidéar ar champais Ghaeltachta na hOllscoile. Beidh deis acu a bheith ag obair in eagraíocht Ghaeilge sa dara seimeastar. Gheobhaidh siad tuilleadh taithí ar labhairt na Gaeilge agus beidh feabhas dá réir ar a líofacht sa teanga.

## NAISC IDIR NÁISIÚNTA

Tá deiseanna ann seimeastar ERASMUS a chaitheamh thar lear chomh maith. Tá ceangal faoi leith ag Roinn na Gaeilge le hollscoileanna thar lear a bhfuil na teangacha Ceilteacha agus ábhar gaolmhar á dteagasc iontu - Albain, An Bhreatain Bheag, Mór-Roinn na hEorpa, Na Stáit Aontaithe agus Ceanada. Chuaigh neart céimithe as Gaillimh ag múineadh Gaeilge thar lear ar scéim FLTA Fulbright (Na Stáit Aontaithe) agus ICUF (Ceanada).

## DEISEANNA GAIRME

Bíonn céimithe le Gaeilge fostaithe i réimse an-leathan post chomh maith leis an múinteoireacht, sna meáin, san iriseoireacht. Tá éileamh ar chéimithe as Gaillimh mar mhúinteoirí Gaeilge. Tá ganntanas mór múinteoirí Gaeilge in earnáil an mheánoideachais faoi láthair.

## POINTE EOLAIS

Nuair a bheidh cúrsa BA sa Ghaeilge déanta acu, ba cheart go mbeadh céimithe in ann labhairt go cruinn, líofa i nGaeilge ina gcuid oibre agus ina saol sóisialta. Tuigfidh siad an tábhacht atá le hoidhreacht na Gaeilge. Tá éileamh mór ar chéimithe le honóracha sa Ghaeilge.

Riachtanais Iontrála Ardeistiméireachta - Tá H5 sa Gaeilge riachtanach.



“Chaith mé trí bliana tairbheacha i nGaillimh. Tá atmaisféar ar leith le sonrú i Roinn na Gaeilge mar gheall ar an dea-chaidreamh idir an fhoireann agus na mic léinn. Chothaigh an taithí sin muinín ionam. Mholfainn an cúrsa do mhic léinn ar mian leo saineolas a chur ar chultúr, léann agus litríocht na Gaeilge.”

Aisling Ní Churraighín, BA Gaeilge agus Béarla, agus mac léinn PhD

## STAIÉAR BREISE

MA/PhD sa Nua-Ghaeilge, PhD (Celtic Civilisation), MA/PhD (Sean- agus Meán-Ghaeilge) Máistir Gairmiúil san Oideachas (PME) MA (Léann Teanga), MA (Culture and Colonialism), MA (Journalism)l.

## TUILLEADH EOLAIS

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g. nuigalway.ie/gaeilge

GY101 Subject

# Geography

Tá an t-ábhar seo ar fáil trí Ghaeilge/This subject is available through Irish

## WHY CHOOSE THIS SUBJECT?

- ▶ NUI Galway is home to one of the largest Geography disciplines in Europe
- ▶ Geography is a multi-layered, diverse and exciting field of study. It is the key bridging subject linking the humanities, the social sciences and the sciences
- ▶ In taking Geography as a subject, not only will you acquire an understanding of our place in the world, you will also develop a skill set (research, computing/Geographical Information Systems (GIS), surveying) that is applicable in many sectors of employment

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

This year introduces you to key geographical ideas, processes and concepts that impact on and shape the physical and human landscape, and emphasises field trips, mapping and laboratory skills.

### YEAR TWO AND FINAL YEAR

Courses on offer range from Rural to Urban Geography, Coastal Environments to Climatology, Economic Geography to Political and Cultural Geography, Environmental Planning to GIS. One of the key elements of third year Geography is the opportunity you have to develop critical analytical skills in designing and executing a supervised research project.



"I'm currently completing a PhD programme funded by Teagasc, and the skills I gained during my time at NUI Galway are of great relevance to this opportunity."

Brian Leonard is currently a third year PhD student funded through a Teagasc Walsh Fellowship.

## WORK PLACEMENT

We provide experiential learning through field and lab-based instruction throughout the degree. This provides you with the 'work-based training' and transferable skills necessary for future employment. We have recently expanded our skills-based offerings, which include increased GIS-based credits and increased skills-based training for first year students.

## STUDY ABROAD

Geography at NUI Galway has many international links all across the globe. Our recent international student field trips include destinations such as Bosnia-Herzegovina, the Czech Republic and China. All of our lecturers are active, internationally renowned researchers, and you will have the opportunity to undertake international exchanges in Germany and the USA.

## CAREER OPPORTUNITIES

Geography students acquire a wide range of skills and qualities that are valuable in many professions. The combinations of numerical and analytical skills are highly sought after by many sectors of employment. Recent graduates have excelled and carved out niches for themselves in lecturing, teaching, environmental consultancy, journalism, heritage work, renewable energy sector, marketing, planning, tourism, government and policy institute research, in non-governmental organisations (NGO) and CSO development work.



## FURTHER STUDY

- MA (Environment, Society and Development)
- MSc (Marine and Coastal Environments)

## FIND OUT MORE

Professor Ulf Strohmayer  
First Year Coordinator  
Geography

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## GY101 Subject

# German

### WHY CHOOSE THIS SUBJECT?

- ▶ German is the native language of about 100 million people, and 38% of all Europeans speak German in Austria, Switzerland and elsewhere
- ▶ Germany is the most important trading partner for almost all European and many non-European countries. Speaking German is key to success in the job market—in Ireland, Germany and the European Union
- ▶ At NUI Galway you can study German even without previous knowledge of the language
- ▶ When you graduate you will have acquired a high level of proficiency in German and a deep understanding of the culture and history of Germany

### YOUR COURSE YEAR BY YEAR

#### YEAR ONE

- German Language and Culture (Beginners or Advanced)
- Skills for Learning German (Beginners or Advanced)
- No prior knowledge is needed for the beginners' stream. Leaving Certificate German or an equivalent standard is required for the advanced course. First-year German consists of a comprehensive written oral language course, complemented by contemporary literary and cultural studies. The language classes take place in small groups, with an emphasis on developing the communication skills of the student.

#### YEAR TWO

- German Language I and II
- German Studies I and II
- History of German Literature and Culture I and II
- Modules include lectures on German literature, culture and film studies, on linguistics, and the effective use of media.

#### YEAR THREE

- Year abroad on Erasmus or work placement

#### YEAR FOUR

- German Language I and II
- German Cultural Studies I–IV
- Modules include lectures on German literature, media, history, theatre and cinema.



### WORK PLACEMENT

As an alternative to studying at a German university, students may spend the third year of their programme on an organised internship with a German or Austrian company.

### STUDY ABROAD

Students studying German spend one year studying at one of NUI Galway's partner universities in Germany or Austria. The year abroad allows students to reach a high degree of fluency in German and to enjoy valuable intercultural experiences.

### CAREER OPPORTUNITIES

Graduates with a degree in German often work as teachers—at primary, secondary and third level, and in private language colleges—or they find employment in areas such as journalism, television, radio, media, arts administration, interpreting, technical translation, multilingual secretarial and reception work, tourism and the diplomatic service.

### NOTE

Students should note that choosing to study a modern language to degree level involves spending a period, normally a year, abroad in a country or region where the language for which they are registered is widely spoken. German may be taken in First Arts with previous knowledge of the language (advanced) or at beginners, level.



"I spent my Erasmus year abroad studying in Berlin, which was amazing. From the very first lecture, the German Department won me over with their enthusiasm and passion for what they teach."

Jeannine Jud, BA International  
(German and History)

### FURTHER STUDY

- MA (German)
- MA (International Contemporary Literatures and Media)
- MA (Advanced Language Skills) (German)
- MA (Translation Studies)
- PhD German

### FIND OUT MORE

Ms Geraldine Smyth

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GY101 Subject

# History

Tá an t-ábhar seo ar fáil trí Ghaeilge/This subject is available through Irish

## WHY CHOOSE THIS SUBJECT?

- ▶ Students will explore the local and the global past, focusing on the histories of Ireland, Britain, continental Europe, North America, Australasia and Africa
- ▶ History students can choose from more than 50 modules and can also study history through Irish
- ▶ As a History student, you will be trained in techniques that are invaluable in numerous career paths. You will learn how to source information in libraries, archives and on the internet, how to test the accuracy of a claim against the available evidence, and how to formulate a coherent argument and express it effectively—all skills indispensable in any job

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Ireland and Europe, 1789–1918
- Europe from Medieval to Modern
- Skills for Historians

Plus two other subjects are selected from the extensive Arts menu

### YEAR TWO

- One colloquium (research-oriented small group module)
- One additional lecture module in each of these time periods: medieval, early modern, and modern
- One additional module in any time period, of the student's choice

### YEAR THREE

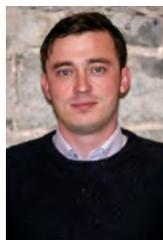
- Two seminar modules (research-oriented small group modules)
- Two lecture modules of the student's choice

## STUDY ABROAD

Between second and final year, you can choose to study History on an exchange programme in universities in Europe and North America, including Strasbourg, Leiden, Mainz, and Strathclyde. Many of these programmes are taught through English. The year abroad offers an excellent opportunity to develop an existing language competency. It also gives students the chance to experience different social, cultural and academic environments.

## CAREER OPPORTUNITIES

The kinds of research, writing and analytical skills that you will acquire as a History student are highly valued in the modern workplace. Our recent graduates have gone on to work in a variety of different fields, including journalism, law, archives, public service, arts administration, publishing, teaching, speech writing and management consulting.



"I write everyday about everything from murder to rugby matches, but it is the ability to archive, write, interpret and summarise facts, all skills I obtained studying History at NUI Galway."

Luke Henderson, Journalist, Sligo Weekender Newspaper

## FURTHER STUDY

- MA (History)
- MA (Medieval Studies)
- MA (Culture and Colonialism)

## FIND OUT MORE

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Discipline of History

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## GY101 Subject

# Information Technology

## WHY CHOOSE THIS SUBJECT?

- ▶ By studying Information Technology, you will develop the cognitive and applied skills needed for the design, application and support of computerised systems
- ▶ Taken in combination with another Arts subject, the study of Information Technology provides a well-rounded, third-level education, matching the needs of the information society and providing you with valuable vocational skills
- ▶ According to the CSO, the highest earning graduates after five years were in computer science

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Introduction to Computing and Information Technology (IT)
- Algorithms and Logical Thinking Skills
- Computer Programming 1
- Computer Programming 2

### YEAR TWO

- Object Oriented (OO) Programming 1
- OO Programming 2
- Information Systems 1: Databases
- Information Systems 2: Web-based Information Systems
- Systems Analysis and Design
- Web Application Development

### YEAR THREE

- OO Programming 3
- Humanities Applications
- Final Year Project
- Two options: AI, HCI, Multimedia

## COURSE OUTLINE

During the first year, you will be introduced to the fundamentals of Information Technology and computing and will develop immediately useful skills in computer programming and internet applications. Building on this foundation, during second and final year courses you will focus on more advanced topics in programming, information systems and databases, and computing systems and their application. Most of the Information Technology courses are complemented by practical laboratory classes and assignments.

## CAREER OPPORTUNITIES

Graduates of the BA programme may pursue any of the traditional BA employment avenues, enhanced with the knowledge of computing that they have acquired. More specific IT employment opportunities range from translation and localization, through media and content careers to GIS. You may also choose to pursue postgraduate studies in the IT field and work in IT design and development. Nationally and internationally, IT industries are experiencing phenomenal growth, with many different opportunities available for developing a fulfilling career.



"I would highly recommend all Arts students to consider taking IT as a subject because it's a chance to try something new, and to learn about an unfamiliar subject."

Tracey McEvoy, BA Graduate



## FURTHER STUDY

- MA Digital Cultures (MA)
- MSC Information Systems Management

## FIND OUT MORE

Information Technology Discipline, NUI Galway

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**w.** [nuigalway.ie/engineering-informatics/information-technology/](http://nuigalway.ie/engineering-informatics/information-technology/)

GY101 Subject

# Modern Irish Culture Studies (Literature and Music)

## WHY CHOOSE THIS SUBJECT?

- ▶ This course provides an integrated interdisciplinary programme of learning for students with a particular interest in modern and contemporary Irish culture
- ▶ The literature strand of the programme explores Ireland's most accomplished writers in Irish and in English from the nineteenth century to the present. The music strand provides a historical and theoretical approach to Irish music (and dance) practice during the same period, spanning traditional and popular genres
- ▶ All classes are taught through English, and Irish-language material is studied in English translation

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Traditional Irish Music and Dance since 1893
- An Introduction to Twentieth-Century Irish Writing
- The Migrant Experience in Irish Writing
- Irish Music and Emigration

### YEAR TWO

- Constructing Identities in Irish Music and Dance
- Irish Landscapes, Culture and Literature
- Claiming Place in Gaelic Irish Literature
- Festival, Ritual and Commemoration
- Music, Gender and Ireland
- Aspects of Twentieth-Century Irish Writing

### YEAR THREE

- An Introduction to Literary and Cultural Theory
- Topics in Irish Music Studies
- Topics in Irish Literature Studies
- Independent Research Project

## STUDY ABROAD

The Centre for Irish Studies has undergraduate links with European partners in A Coruña, Dalarna, Leuven, Liverpool, Paris and Prague, and with Concordia University in the USA.

## CAREER OPPORTUNITIES

You will develop key proficiencies in critical thinking and independent research and a high level of oral and written presentation skills, precisely the competencies required by employers across a broad range of occupations in the modern workplace, including education, journalism and communications, arts and heritage, publishing and the public service.



"The superb assistance provided and the wonderful, enthusiastic lecturers make this subject a joy to attend... You won't be disappointed and it will remain with you as a life-shaping experience."

Ian Mac Carlúis



## FURTHER STUDY

- MA (Irish Studies–Literature and History)  
Full-time, Part-time
- MA (Irish Studies–Literature and Music)  
Full-time, Part-time

## FIND OUT MORE

Samantha Williams  
Administrator

**t.** +353 91 492051

**e.** [irishstudies@nuigalway.ie](mailto:irishstudies@nuigalway.ie)

**w.** [nuigalway.ie/centreirish\\_studies](http://nuigalway.ie/centreirish_studies)

## GY101 Subject

## Italian

## WHY CHOOSE THIS SUBJECT?

- ▶ Italian helps in many careers—teaching, communications, business, law, services, administration, the arts and translation
- ▶ Italian is taught in small groups, and the quality of care, individual attention and the quality of teaching provided to students ensure high academic standards, provide a rewarding learning experience and help develop the presentation, communication, time management and team work skills necessary to succeed in today's challenging work environment
- ▶ Students can start Italian as beginners without previous knowledge of the language

## YOUR COURSE YEAR BY YEAR

## YEAR ONE

- Italian Language I and II
- Italy at the Movies

## YEAR TWO

- Intermediate Language I and II
- Oral
- Applied Language Skills
- Italian Culture and Society I
- Italian Culture and Society II

## YEAR THREE

- Year Abroad—Erasmus or work placement

## YEAR FOUR

- Language III
- Oral
- Italian Culture and Society III
- Italian Culture and Society IV
- Italian Children's Literature
- Community-Based Learning

## WORK PLACEMENT

As part of the BA (International) degree and the BA (Global Languages) degree, you will have the opportunity to spend one semester of third year in Italy teaching English. This work placement is facilitated by the discipline of Italian in collaboration with the Department of Education and Italian organisations. In semester two of final year, you will be given the opportunity to enrol in community-based learning, in which you will teach Italian to primary school students in selected primary schools in the Galway area.

## STUDY ABROAD

Italian has developed agreements with universities in Italy as part of the BA (International) degree and the BA (Global Languages) degree. During third year, you can choose to spend two semesters studying at universities in Italy, or apply to split the Erasmus year abroad by doing one semester at an Italian or European university (a popular option for those taking two languages to degree level) and one semester in a work placement.

## CAREER OPPORTUNITIES

Foreign-language competence is an essential requirement in the job market. Italian equips students with skills in the area of teaching, translation and cross-cultural communication, as primary and secondary teachers or as professionals working for private business or government bodies both in Ireland and the European Union.

## NOTE

Students should note that choosing to study a modern language to degree level involves spending a period, normally a year, abroad in a country or region where the language for which they are registered is widely spoken. Italian may be taken in First Arts without previous knowledge of the language. Students studying French, German, Italian and/or Spanish as part of the BA (Joint-Honours) will have the opportunity to transfer to the BA (International).



"There is a wonderful staff of teachers and lecturers who are always available and eager to help, while the opportunity to spend a year studying in Italy really enhances the experience."

Tadhg Gleeson, BA (International, Italian and Classics)

## FURTHER STUDY

- MA (Advanced Language Skills)
- MA (Translation Studies)
- MA (International and Contemporary Media and Literature)
- PhD in Italian

## FIND OUT MORE

Professor Paolo Bartoloni  
Discipline of Italian  
School of Languages, Literatures  
and Cultures

**t.** +353 91 492397

**e.** [paolo.bartoloni@nuigalway.ie](mailto:paolo.bartoloni@nuigalway.ie)

**w.** [nuigalway.ie/italian/](http://nuigalway.ie/italian/)

## GY101 Subject

## Law

## WHY CHOOSE THIS SUBJECT?

- ▶ The BA (Joint-Honours) degree gives students a unique opportunity to study Law with a choice of other Arts subjects. Popular combinations include Law with Sociology and Politics, languages, English or History
- ▶ The average class size in first year is 200
- ▶ Those who wish to qualify as a solicitor or barrister may proceed into the final year of the LLB programme at NUI Galway so that they can complete the additional core law subjects necessary to meet the entrance and examination requirements of the legal professional bodies

## YOUR COURSE YEAR BY YEAR

## YEAR ONE

- Irish Legal System
- Law of Torts
- Legal Skills

Plus two other subjects from the Arts subject groupings (see page 24)

## YEAR TWO

- Constitutional Law
- Contract Law
- European Human Rights
- Sociology of Law
- Legal Methods and Research

Plus one of the other two subjects chosen in first year

## YEAR THREE

- European Union Law
- Criminal Law
- Administrative Law

Plus the other subject chosen in second year

## STUDY ABROAD

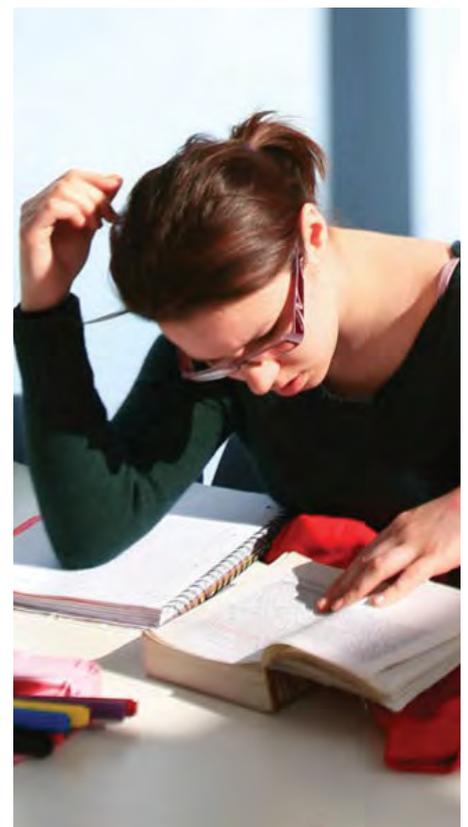
At the end of second year, interested students may apply to spend third year studying at a university in either mainland Europe or other countries such as Canada or China. These students then return to complete their degree in Galway.

## CAREER OPPORTUNITIES

While many graduates opt to go on to qualify as solicitors or barristers, a BA degree in Law is a recognised qualification for many careers, including working in journalism, the civil service, administration, non-governmental organisations (NGOs) and private industry.

## NOTE

In Second Arts, there is a limit of 100 on the number of students admitted to Law. Places in Law will be decided on academic merit in that discipline, based on the results of the first sitting (Semester 1 and Semester 2) of the First Arts examination in the student's first year of attendance (2019–2020), where the student must have passed the First Arts examination outright by achieving an average of 40% or higher in each of their subjects.



“Choosing the Arts route gave me the flexibility to study a variety of law subjects while also developing my language skills and to approach the law from a more multidisciplinary basis.”

Ruth Cormican, a graduate of the School of Law at NUI Galway, has been awarded a prestigious Fulbright Scholarship to study for an LLM in International Human Rights Law at the University of Notre Dame in the USA. She will spend the summer on an internship programme in Suffolk University Law School in Boston working with two criminal justice NGOs: Prisoner Legal Services and the New England Innocence Project.

## FURTHER STUDY

[nuigalway.ie/law/courses](http://nuigalway.ie/law/courses)

## FIND OUT MORE

School of Law

**t.** +353 91 492 752

**e.** [law@nuigalway.ie](mailto:law@nuigalway.ie)

**w.** [nuigalway.ie/law](http://nuigalway.ie/law)

GY101 Subject

# Léann an Aistriúcháin

- ▶ **Ábhar roghnach ar an gCéim BA Onóracha Dhá Ábhar (GY101) is ea Léann an Aistriúcháin, a bhíonn á theagasc go hiomlán trí mheán na Gaeilge agus a mhaireann ar feadh trí bliana.**
- ▶ **Cabhróidh an t-ábhar céime seo leat forbairt a dhéanamh mar dhuine atá in ann machnamh go criticiúil agus grinnanailís a dhéanamh ar réimse leathan ábhar.**
- ▶ **Ina theannta sin, má roghnaíonn tú Léann an Aistriúcháin, bainfidh tú sult agus taitneamh as an meascán tomhaiste den staidéar acadúil agus den oiliúint phraiticiúil a gheobhaidh tú san aistriúchán agus i gcruinnscriobh na Gaeilge.**

## IMLÍNE AN CHÚRSA

### BLIAIN A HAON

- Gnéithe den Aistriúchán
- Bunscileanna Gramadaí
- Bunscileanna Aistriúcháin

### BLIAIN A DÓ

- Gramadach agus Litriú na Gaeilge 1
- Aistriúchán Feidhmeach Téacsanna 1
- Stair an Aistriúcháin in Éirinn
- Téarmeolaíocht
- Aistriúchán Feidhmeach Téacsanna 2
- Cruinneas agus Saibhriú Teanga

### BLIAIN A TRÍ

- Gramadach agus Litriú na Gaeilge 2
- Tionscadal Aistriúcháin
- Gnó an Aistriúcháin/Fotheidealú
- Aistriúchán Feidhmeach Téacsanna 3
- Eagarthóireacht agus Léamh Profai

## DHÁ ROGHA FOGHLAMA

Más spéis agat céim i réimse an aistriúcháin tá dhá rogha agat: staidéar a dhéanamh ar Léann an Aistriúcháin mar ábhar roghnach sa BA Onóracha Dhá Ábhar (GY101) in imeacht trí bliana, nó an BA (Gaeilge agus Léann an Aistriúcháin) a bhaint in imeacht ceithre bliana, le bliain taithí oibre sa tríú bliain. Ag brath ar do chuid torthaí sa Chéad Bhliain agus do chuid pointí CAO, beidh deis agat aistriú sa Dara Bliain go dtí an chéim ainmnithe BA (Gaeilge agus Léann an Aistriúcháin), má thograíonn tú é. An buntáiste a bhaineann leis an gcur chuige solúbtha seo ná nach gá duit d'intinn a shocrú ar fad go dtí go mbeidh an Chéad Bhliain curtha i gcrích agat. Má roghnaíonn tú Léann an Aistriúcháin mar ábhar, beidh teacht agat ar a lán ábhair eile; ina measc siúd tá Gaeilge, Béarla, Eacnamaíocht,

Fraincis, Gearmáinis, Iodáilis, Léann na Cumarsáide, Matamaitic, Spáinnis, Stair, agus Tíreolaíocht. Beidh trí ábhar le roghnú agat sa Chéad Bhliain agus leanfaidh tú ar aghaidh le dhá ábhar onóracha don chéim.

## DEISEANNA FOSTAÍOCHTA

Tá deiseanna iontacha ar fáil do dhaoine a bhfuil cáilíocht acu san aistriúchán de bharr Acht na dTeangacha Oifigiúla agus stádas oifigiúil na Gaeilge san Aontas Eorpach. Ceaptar go mbeidh stádas iomlán ag an nGaeilge san Aontas Eorpach go luath agus go mbeidh a lán jabanna ar thuarastal an-mhaith le fáil, go háirithe ag daoine a bhfuil cáilíocht aitheanta aistriúcháin acu mar aon le teanga Eorpach eile (chomh maith le Gaeilge agus Béarla). Bíonn poist le fáil freisin ag céimithe Léann an Aistriúcháin sna réimsí seo a leanas:

- cuideachtaí aistriúcháin;
- na meáin chumarsáide;
- eagraíochtaí Gaeilge;
- féinfhostaíocht;
- eagraíochtaí stáit.



## TUILLEADH EOLAIS

An tAonad Aistriúcháin agus Ateangaireachta  
Ollscoil na hÉireann, Gaillimh

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**r.** aistriuchan@oegaillimh.ie

**g.** oegaillimh.ie/acadamh

## GY101 Subject

# Léann an Aistriúcháin

## WHY CHOOSE THIS SUBJECT?

- ▶ Léann an Aistriúcháin/Translation Studies can be taken as a subject on the GY101 BA (Joint-Honours) programme. This subject is taught fully through Irish and forms part of a three-year degree programme
- ▶ This degree subject will assist you in your development as a critical thinker and in your ability to analyse a wide range of subject matter
- ▶ In addition, if you choose Léann an Aistriúcháin/Translation Studies, you will benefit from a finely balanced combination of academic study and practical training in the areas of translation and precision writing in Irish

### YEAR ONE

- Gnéithe den Aistriúchán (Aspects of Translation)
- Bunscileanna Gramadaí (Fundamental Grammar Skills)
- Bunscileanna Aistriúcháin (Fundamental Translation Skills)

### YEAR TWO

- Gramadach agus Litriú na Gaeilge I (Irish Language Grammar and Spelling I)
- Aistriúchán Feidhmeach Téacsanna I (Applied Translation I)
- Stair an Aistriúcháin in Éirinn (The History of Translation in Ireland)
- Téarmeolaíocht (Terminology)
- Aistriúchán Feidhmeach Téacsanna 2 (Applied Translation 2)
- Cruinneas agus Saibhriú Teanga (Linguistic Precision and Enrichment)

### YEAR THREE

- Gramadach agus Litriú na Gaeilge 2 (Irish Language Grammar and Spelling 2)
- Tionscadal Aistriúcháin (Translation Project)
- Gnó an Aistriúcháin/Fotheidealú (Translation as a Business/Subtitling)
- Aistriúchán Feidhmeach Téacsanna 3 (Applied Translation 3)
- Eagarthóireacht agus Léamh Profai (Editing and Proofreading)

## TWO LEARNING OPTIONS

If you are interested in a degree in translation, you have two options at NUI Galway: you can choose Léann an Aistriúcháin/Translation Studies as an optional subject of the BA (Joint-Honours) programme (GY101) over three years, or you can undertake the BA (Gaeilge agus Léann an Aistriúcháin) programme (GY107) over four years, with a work placement being provided in Year Three. Depending on your results in first year and your CAO points, you will have the opportunity in second year to transfer to the denominated BA (Gaeilge agus Léann an Aistriúcháin) degree. The advantage of this flexible approach is that you do not have to make a final decision on your subject choice until you have completed first year. If you choose Léann an Aistriúcháin/Translation Studies as a subject, you will have a wide choice of other subjects, including Irish, English, Economics, French, German, Italian, Léann na Cumarsáide, Mathematics, Spanish, History and Geography. You will choose three subjects in total in first year and you will continue with two of these subjects for your honours degree.

## CAREER OPPORTUNITIES

As a result of the Official Languages Act and the official status of Irish in the European Union, there are now superb employment opportunities for people with qualifications in translation. Irish is now an official language of the European Union, and this will result in many highly-paid jobs, especially for those with a recognised qualification in Translation Studies as well as another European language (in addition to Irish and English).

Graduates of Léann an Aistriúcháin/Translation Studies also obtain employment in the following areas:

- translation companies/agencies;
- the media;
- Irish language organisations;
- self-employment;
- state organisations.



## FIND OUT MORE

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National University of Ireland,  
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**w.** nuigalway.ie/acadamh

GY101 Subject

# Léann na Cumarsáide

- ▶ Ábhar roghnach ar an gCéim BA (GY101) is ea Léann na Cumarsáide, a bhíonn á theagasc go hiomlán trí mheán na Gaeilge ar Champas na hOllscoile i nGaillimh agus a mhaireann ar feadh trí bliana.
- ▶ Cabhróidh an chéim seo leat forbairt a dhéanamh mar dhuine atá in ann machnamh go criticiúil agus grinnanailís a dhéanamh ar réimse leathan ábhar. Ina theannta sin, má roghnaíonn tú Léann na Cumarsáide, bainfidh tú sult agus taitneamh as an meascán tomhaiste den staidéar acadúil agus den oiliúint phraiticiúil a gheobhaidh tú san iriseoireacht, sa léiriú teilifíse agus raidió, sa chraoltóireacht agus sna hilmheáin.

## IMLÍNE AN CHÚRSA

### BLIAIN A HAON

- Scéalaíocht Dhigiteach
- Machnamh Criticiúil agus Láithreoireacht
- Bunús na hIriseoireachta
- Na Meáin agus an tSochaí

### BLIAIN A DÓ

- Dearadh Físe
- Teicneolaíochtaí na Meán
- Anailís na Meán
- Craoltóireacht
- Scriptscríobh
- An Gné-Alt

### BLIAIN A TRÍ

- Lucht Féachana na Meán
- Nuatheicneolaíocht Fheidhmeach
- Dlí, Eiticí and an Córas Poiblí
- Iriseoireacht Fheidhmeach
- Geilleagar na Meán
- Tionscadal Deiridh Céime



## DHÁ ROGHA FOGHLAMA

Más spéis leat céim sna meáin a bhaint trí Ghaeilge tá dhá rogha agat: staidéar a dhéanamh ar Léann na Cumarsáide mar ábhar roghnach sa BA (GY101) in imeacht trí bliana, nó an BA (Cumarsáid and Gaeilge) a bhaint amach in imeacht ceithre bliana, le seimeastar Gaeltachta agus taithí oibre sa tríú bliain. Ag brath ar do chuid torthaí sa Chéad Bhliain, beidh deis agat aistriú sa dara bliain go dtí an chéim ainmnithe BA (Cumarsáid and Gaeilge), más maith leat. An buntáiste a bhaineann leis an gcur chuige solúbtha seo ná nach gá duit d'intinn a shocrú ar fad go dtí go mbeidh an Chéad Bhliain curtha i gcrích agat. Má roghnaíonn tú Léann na Cumarsáide mar ábhar, beidh teacht agat ar chuimse ábhar eile. Ina measc siúd tá Gaeilge, Béarla, Fraincis, Stair, Léann an Aistriúcháin, Iodáilis, Spáinnis, Teicneolaíocht na Faisnéise, Síceolaíocht agus Léann na Socheolaíochta agus na Polaitíochta. Roghnaíonn tú trí ábhar sa Chéad Bhliain agus leanann tú ar aghaidh le dhá ábhar onóracha don chéim. Tá Léann na Cumarsáide á thairiscint ar Champas na hOllscoile i nGaillimh.

## BREISOIDEACHAS

Páirtneireacht nuálach le RTÉ is ea an MA (Cleachtas Gairmiúil sna Meáin) faoina mbíonn deis eisceachtúil ag mic léinn tabhairt faoin staidéar acadúil ar líne agus taithí oibre luachmhar a fháil san iriseoireacht, sa chraoltóireacht agus i gcruthú ábhair in aonaid Ghaeilge RTÉ. Tá sé ar fáil ar bhonn lánaimseartha nó ar bhonn páirtaimseartha.

## TUILLEADH EOLAIS

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GY101 Subject

# Léann na Cumarsáide

## WHY CHOOSE THIS SUBJECT?

- ▶ The option to study media and communications through the medium of Irish is now available as part of the three-year, Joint-Honours Arts degree (GY101) at NUI Galway
- ▶ This programme will help you develop as a critical and creative thinker capable of analysing a broad range of issues. In addition to that, if you choose Léann na Cumarsáide you will enjoy its balanced mix of academic study and practical, hands-on learning in journalism, television and radio production, broadcasting and multimedia

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Digital Storytelling
- Critical Thinking and Presentation
- Foundations of Journalism
- Media and Society

In first year, you choose two additional subjects from the following list (we recommend you choose Irish and Léann an Aistriúcháin):

Irish, Léann an Aistriúcháin, French, English, History, Mathematics, Law, Psychology, Celtic Civilisation, Economics, Sociological and Political Studies, Information Technology, Spanish, Italian, Philosophy, Archaeology.

### YEAR TWO

- Video Design
- Media Technologies
- Media Analysis
- Broadcasting
- Scriptwriting
- The Feature Article

### YEAR THREE

- Media Audience
- Applied New Technology
- Law, Ethics and Public Service
- Applied Journalism
- The Economy of the Media
- Final Year Project

## TWO LEARNING CHOICES

If you wish to study media through Irish to degree level you have two options: Léann na Cumarsáide as an optional subject choice in the arts programme (GY101) over three years; or the BA (Cumarsáid agus Gaeilge) over four years, including a Gaeltacht semester and work experience in third year. If you opt to take Léann na Cumarsáide, you choose two other subjects in first year (making three in total) and continue in subsequent years with two honours subjects to degree level. You will also be able to switch to the more specialist BA (Cumarsáid agus Gaeilge) in second year, if you so wish, depending on your first year results. An advantage of this flexible approach is that you do not have to make up your mind about which path to follow until the end of first year.

## CAREER OPPORTUNITIES

When you graduate you will be skilled in various aspects of television and radio production and broadcasting, print and online journalism, and multimedia and digital technologies. You will have a keen understanding of story structure and visual language, and you will be able to analyse the role of the media in contemporary society. This will give you a strong foundation on which to seek employment in the highly competitive media market, in RTÉ, TG4, BBC, local radio stations, independent production companies, media companies or public relations firms. The study of media through Irish, as part of an arts degree, gives you a strong foundation for a career in politics, business, management, and the non-profit sector, including non-governmental organisations (NGOs) and charity organisations, and the public service.



## FURTHER STUDY

The MA (Cleachtas Gairmiúil sna Meáin) is built on an innovative partnership with RTE and offers a unique combination of online academic study and on-the-job work experience in journalism, broadcasting and content creation in RTE's Irish-language units. It is offered on a full-time or on a part-time basis.

## FIND OUT MORE

Acadamh na hOllscolaíochta  
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t. +353 87 7954125

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w. [oegaillimh.ie/acadamh](http://oegaillimh.ie/acadamh)

## GY101 Subject

# Mathematics

### WHY CHOOSE THIS SUBJECT?

- ▶ Mathematics and Mathematical Studies incorporate mathematics, statistics and their applications.
- ▶ Higher level Mathematics at Leaving Certificate is NOT an entry requirement for this subject
- ▶ If you choose to study Mathematics, by the end of your degree, you will be highly valued by employers, with refined skills such as the ability to think rationally, process complex data reliably, and construct and use mathematical models. Other skills, such as presentation and report writing skills, are also developed throughout the degree programme

### YOUR COURSE YEAR BY YEAR

The subject Mathematical Studies is broad based and offers opportunities for study across a wide range of topics in Mathematics and its applications, whereas the subject Mathematics involves a particular emphasis on theoretical and abstract aspects of mathematical activity.

The first year of the programme consists of a wide-ranging introduction to all aspects of mathematics, its applications and its historical and cultural development. After first year, students will have the option to continue to degree level either in Mathematics or in Mathematical Studies.

### STUDY ABROAD

The School of Mathematics, Statistics and Applied Mathematics has many international links. In the past, students from the school have studied in Germany, Hong Kong, Spain and the USA as part of their undergraduate degree.

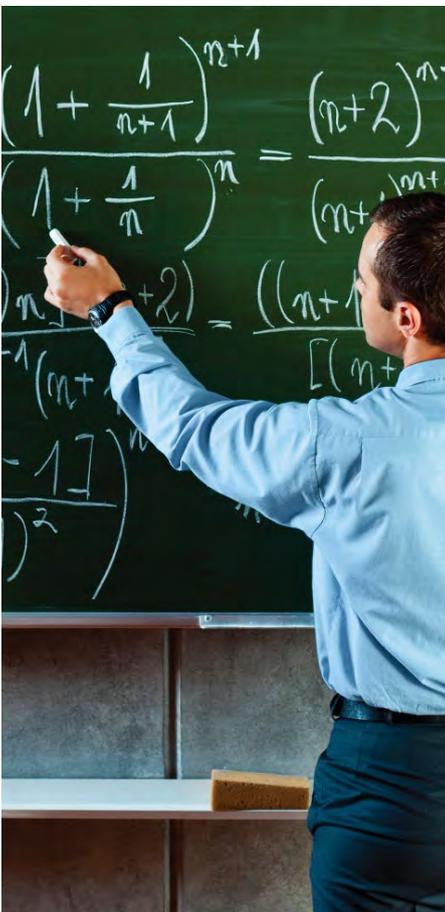
### CAREER OPPORTUNITIES

Graduates find employment in a wide range of areas, including the financial sector, the information technology (IT) and software industry, the meteorological service, the civil service and the teaching profession.

[www.nuigalway.ie/career-development-centre/servicesforstudents/explore/options/](http://www.nuigalway.ie/career-development-centre/servicesforstudents/explore/options/)

### NOTE

Students passing First Arts Mathematics may progress to Second Arts in Mathematical Studies. Students achieving a mark of 60% or higher in First Arts Mathematics and who have taken and passed module MA186 may take Mathematics in Second Arts.



"Having maths combined with social sciences has been a great grounding for working in policy. Studying maths results in strong analytical skills and provides a good grounding in logical thinking."

Ciara Phelan, BA (Mathematics and Economics)

### FURTHER STUDY

Opportunities for further study and research in Mathematics and its applications also exist. These include a postgraduate diploma in Mathematics, a master's degree in Mathematics and a PhD in Mathematics.

### FIND OUT MORE

Professor Graham Ellis

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**w.** [nuigalway.ie/science/school-of-maths/undergraduate-degrees/](http://nuigalway.ie/science/school-of-maths/undergraduate-degrees/)

## GY101 Subject

# Philosophy

### WHY CHOOSE THIS SUBJECT?

- ▶ Philosophy will take you to intellectual places that school probably did not explore
- ▶ You will learn how to examine and criticise arguments and to analyse problems in a clear and coherent manner
- ▶ We offer a wide range of philosophical approaches, including East Asian thought
- ▶ Philosophy offers key insights into how to think critically and how to apply these insights to ethical problems arising from the impact of technology and science on all aspects of society

### YOUR COURSE YEAR BY YEAR

#### YEAR ONE

- Introduction to the History of Philosophy
- Critical Thinking and Persuasive Writing
- Introduction to Practical Ethics

#### YEAR TWO

- History of Modern Philosophy
- Information Ethics
- Moral and Political Philosophy
- Aesthetics and Philosophy of Art
- Bioethics
- Phenomenology
- Formal Logic
- East Asian Philosophy and Culture
- Nietzsche and Philosophy

#### YEAR THREE

- Kant's Theoretical Philosophy
- American Pragmatism
- Moral Theory
- Philosophy of Mind
- Readings in Metaphysics
- Philosophy of Religion
- Advanced Philosophical Text
- History of Irish Thought
- Extended Essay



"As Philosophy works well with other subjects, I would strongly encourage future students to pursue Philosophy through their undergraduate degree."

Lillian Blackadder, 2018

### STUDY ABROAD

NUI Galway is part of an Erasmus exchange scheme with other European universities and has an established visiting-student link with the Middle Eastern Technical University at Ankara in Turkey.

### CAREER OPPORTUNITIES

Philosophers read critically, think clearly, and write persuasively. These skills are attractive to a very wide range of employers. Past graduates have pursued careers in the business world, law, government service, the media and teaching, among many other fields.



### FURTHER STUDY

- MA (Values and Knowledge), Full-time, Part-time
- Structured PhD in Philosophy of Art and Culture, Full-time

### FIND OUT MORE

Ms Ann O'Higgins

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**w.** [nuigalway.ie/philosophy](http://nuigalway.ie/philosophy)

## GY101 Subject

# Psychology

### WHY CHOOSE THIS SUBJECT?

- ▶ You will have an opportunity to develop insights into both yourself and those around you. This will promote your personal development and your understanding of the human condition
- ▶ The systematic approach to problem-solving that you acquire during the training will stand to you in your chosen career and means that graduates of Psychology are highly sought after across a range of sectors
- ▶ Graduates of our joint-honours offering can apply to complete the Higher Diploma in Psychology (Conversion), which confers eligibility for graduate membership of the Psychological Society of Ireland, the professional body for psychologists in Ireland

### YOUR COURSE YEAR BY YEAR

For the Joint-Honours programme (GY101) you take Psychological Studies from second year as one of your two selected subjects. During the first year of the course, you will be introduced to the main areas of the discipline, including

- Child development
- The study of internal mental processes (e.g., memory, problem solving), and the impact of social influence on individuals
- Methods of psychological research

In second and final year you will complete further study in the pure and applied fields of psychology, including:

- Abnormal, forensic and clinical psychology
- Cognitive psychology
- Developmental psychology
- Biological psychology
- Health and social psychology

### NOTE

There are 100 places for students entering Psychological Studies in second year. Places for Psychological Studies will be decided on academic merit in that discipline, based on the results of the first sitting (Semester 1 and Semester 2) of the First Arts Examination in the student's first year of attendance (2019-2020), where the student must have passed the First Arts examination outright by achieving an average of 40% or higher in each of their subjects.

### STUDY ABROAD

The School of Psychology has established links with Erasmus partners across Europe and a growing number of universities in the USA and further afield. You will have the option to spend up to a year abroad studying Psychology in another university.

### CAREER OPPORTUNITIES

Apart from further training in psychology, our past graduates have taken up posts in a range of settings including information technology (IT) (e.g., cyber security), marketing, public relations, human resources, journalism, social work and occupational therapy.



"I am lucky to be entering the field of psychological research with a wealth of knowledge and experience only afforded to me by the joint-honours programme."

Sarah Carthy, PhD Student, Psychology

### FURTHER STUDY

The completion of the one-year Higher Diploma in Arts (Psychology Conversion) following the BA (Joint Honours) brings you to the same level as those completing the denominated BA in Psychology (GY104). Entry to the Higher Diploma in Psychology (Conversion) is by competitive selection. This qualification is accredited by the professional body and enables you to pursue training that can allow you to practise as a psychologist in the future—for example, as a clinical, educational or health psychologist.

### FIND OUT MORE

Dr Caroline Heary  
Director of Undergraduate  
Programmes in Psychology

**t.** +353 91 495059

**e.** caroline.heary@nuigalway.ie

**w.** nuigalway.ie/psychology/

## GY101 Subject

# Sociological and Political Studies

## WHY CHOOSE THIS SUBJECT?

- ▶ Our undergraduate offering combines Political Science, Sociology and Applied Social Studies
- ▶ Political Science examines all aspects of political life and behaviour, as well as crucial political concepts, such as freedom, democracy and equality. Sociology explores constitutive facets of society, especially relating to culture, identity, and diversity. Applied Social Studies is concerned with understanding and responding effectively to social problems
- ▶ Our students develop vital skills including communication, research, critical thinking, teamwork, equality and diversity awareness
- ▶ The President of Ireland, Michael D. Higgins, is a past graduate of the School of Political Science and Sociology at NUI Galway, and a former lecturer in the School

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

In first year, students are introduced to basic concepts in political science and sociology and topics including:

- Power, states, parties and elections; Socialisation, conformity and nonconformity; Crime in Ireland; Social stratification; Class inequality; Ethnicity and race; Gender and inequality; Political Ideologies:

### IN SECOND YEAR, STUDENTS PICK FROM A RANGE OF OPTIONS INCLUDING:

- European Politics
- Social Issues and Policy Responses
- International Politics
- Comparative Studies
- Political or Social Theory
- Social Science Research Methods

### FINAL-YEAR STUDENTS PICK FROM OPTIONS INCLUDING:

- Political Sociology
- International Development
- Comparative Public Policy
- Contemporary Political or Social Theory

### FINAL- YEAR ELECTIVE MODULES COVER TOPICS SUCH AS:

- Community Development
- Child Protection
- Environmentalism
- Health Policy
- Poverty
- Public Administration
- Human Rights
- Sociology of Sexuality

## STUDY ABROAD

In second year, interested students may apply to spend third year studying at a university in either mainland Europe or other countries such as Canada, USA, or China, before progressing into final year of their degree. We have established links with other international universities including Leuven University (KU Leuven) in Belgium, Helsinki University and Abo Akademi in Finland and Leiden University in the Netherlands.

## CAREER OPPORTUNITIES

Our programmes equip graduates with the knowledge and skills needed for the systematic analysis of social issues, current affairs and the evaluation of public policies. This course offers an excellent foundation for careers in: public administration, journalism and media, social care and social work, business, community work, policy research and analysis, public relations and advocacy.



"With an outstanding team of staff and an extremely interactive environment, I have found that studying Sociology and Political Science in NUI Galway has been one of the best choices I have ever made."

Dylan Chambers, BA  
(Political Science and Sociology)

## FURTHER STUDY

Postgraduate opportunities provide further qualifications through the MLitt and PhD by research, as well as specialised master's programmes, such as MA (Social Work), MA (Family Support), MA (Gender, Globalisation, and Rights), and MA (Politics and Sociology) at NUI Galway. With further study, graduates have the opportunity to teach Politics and Society at second level.

## FIND OUT MORE

Dr Brendan Flynn

**t.** +353 91 493160  
**e.** [brendan.flynn@nuigalway.ie](mailto:brendan.flynn@nuigalway.ie)  
**w.** [nuigalway.ie/soc/](http://nuigalway.ie/soc/)

## GY101 Subject

# Spanish

### WHY CHOOSE THIS SUBJECT?

- ▶ Spanish is one of the three most commonly spoken languages in the world, with over 400 million speakers. Learning Spanish opens up access to many other countries, new markets and exciting cultures
- ▶ The ability to converse and write in Spanish offers a clear advantage to those working in areas such as business, tourism, education and information technology, to name but a few. Knowledge of Spanish will offer enhanced employment opportunities both in Ireland and around the world
- ▶ You can study Spanish at NUI Galway even if you have no previous knowledge of the language

### YOUR COURSE YEAR BY YEAR

#### YEAR ONE

- Intensive Beginners, Spanish Language and Culture

or

- Intermediate Spanish Language and Culture
- Mundo hispano: An Introduction to the Hispanic World

#### YEAR TWO

- Spanish Language II
- Hispanic Literature and Culture I:
  - Latin American Short Stories
  - Spanish Drama
- Hispanic Literature and Culture II:
  - Modern Spanish Literature and Culture
  - Hispanic Poetry

#### YEAR THREE

- Year abroad on Erasmus/study exchange in Latin America/work placement

#### FINAL YEAR

- Spanish Language III
- Spanish Language IV
- Hispanic Literature and Culture III:
  - Contemporary Latin American Studies
  - Spanish Cinema
- Hispanic Literature and Culture IV:
  - Spanish in Context
  - Writing about Hispanic Literary Texts
- Hispanic Crime Narrative
- Hispanic Translation Studies
- Mexican Women Writers



“Despite having no previous experience in the language, I was immediately inspired by the engaging, dynamic approaches taken by staff in their classes.”

Céire Broderick, BA International (Spanish and French)

### STUDY ABROAD

In second year, interested students may apply to spend third year studying at a Spanish university before progressing into final year of their degree. We have links with universities in both Europe and Latin America. In addition, we also have links with universities in Chile and Mexico and limited places will be available for students wishing to study in either of these countries.

### CAREER OPPORTUNITIES

Spanish graduates go on to pursue a wide range of career options including translation and interpreting; teaching; and within the hospitality industry and business. Graduates with good language skills are in demand by local, national and multinational businesses.

### NOTE

Students should note that choosing to study a modern language to degree level involves spending a period, normally a year, abroad in a country or region where the language for which they are registered is widely spoken. Spanish may be taken in First Arts without previous knowledge of the language. Students studying French, German, Italian and/ or Spanish as part of the BA (Joint-Honours) will have the opportunity to transfer into the BA (International) programme.



### FURTHER STUDY

Students interested in studying Spanish at postgraduate level in NUI Galway have the following options available to them: MA (Spanish); MA (Translation Studies) (Spanish plus another language); MA (Advanced Language Skills) (Spanish); PhD in Spanish/Latin American Studies

### FIND OUT MORE

t. +353 91 492626

e. [spanish@nuigalway.ie](mailto:spanish@nuigalway.ie)

w. [tinyurl.com/LanguagesNUIG](http://tinyurl.com/LanguagesNUIG)

GY104

# Bachelor of Arts (Psychology)

## WHY CHOOSE THIS COURSE?

- ▶ Psychology is the study of behaviour and mental processes, and includes individual and social, human and nonhuman, normal and abnormal aspects of these
- ▶ Completing this course will enable a graduate to pursue further training to become a professional psychologist or undertake research to achieve a PhD in Psychology
- ▶ Psychology prepares you for a diversity of interdisciplinary fields, including neuroscience, sports science, health promotion and education
- ▶ The course satisfies the requirements for graduate membership of relevant professional societies (the Psychological Society of Ireland and the British Psychological Society)

## COURSE FACTS

**CAO Code:** GY104

**Course Level:** 8

**Duration:** 3 years (BA Degree), 4 years (BA International)

**Minimum Entry Points 2018:** 500

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 25

## YOUR COURSE YEAR BY YEAR

First-year Psychology is taken with two other subjects selected from the extensive Arts menu. In second year and final year of the BA in (Psychology) students solely study Psychology courses. Please refer to page 24 to see subjects on offer in first year.

### YEAR ONE

- Cognitive Psychology
- Theories of Personality
- Research Methods
- Social Psychology
- Psychology of Learning
- Critical and Collaborative Thinking
- Developmental Psychology
- Biology and Behaviour

Plus two other subjects are selected from the extensive arts menu. Please refer to page 22.

### YEAR TWO

- Developmental Psychology
- Experimental Psychology
- Qualitative Research Methods
- Biological Psychology
- Psychology of Learning
- Social Psychology
- Theories of Personality
- Perception, Attention and Performance
- Research Methods in Psychology
- Memory and Cognition
- Professional Skills in Psychology

### YEAR THREE

- Applied Behavioural Analysis
- Historical and Conceptual Issues in Psychology
- Psychological Measurement: Theory and Practice
- Advanced Research Methods in Psychology
- Issues in Cognitive Neuroscience
- Health Psychology
- Forensic, Abnormal and Clinical Psychology
- Research Project
- Relational Frame Theory
- Behavioural Medicine
- Paediatric Clinical Behavioural Interventions
- Neuropsychology
- Positive Psychology
- Human Sexuality

The syllabus is subject to change and there is no assurance that the modules provided will be the same in all respects as those listed.

## STUDY ABROAD

The links we have forged with European universities such as Maastricht and Salzburg mean that students have the option to study for part of their psychology degree abroad through the Erasmus programme.

## CAREER OPPORTUNITIES

Psychology prepares you for a diversity of interdisciplinary fields, including neuroscience, sports science, health promotion and education. Graduates have gone on to do further training to become professional psychologists (e.g., a clinical or occupational psychologist) and 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. Researchers in the field of psychology also 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 and the criminal justice system.

## FURTHER STUDY

Completing the BA (Psychology) will enable a graduate to gain access to further training to become a professional psychologist or to undertake a research degree in psychology (e.g., a PhD in Psychology). The degree qualifies graduates for entry to specialist postgraduate professional programmes in Ireland, the UK, the USA and elsewhere

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY123 Bachelor of Science (Applied Social Science)
- GY124 Bachelor of Arts (Arts with Data Science)

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 49 3958

**e.** [collegearts@nuigalway.ie](mailto:collegearts@nuigalway.ie)

**w.** [nuigalway.ie/GY104](http://nuigalway.ie/GY104)

GY105

# Bachelor of Arts (History)

## WHY CHOOSE THIS COURSE?

- ▶ Studying history makes us aware that our world today is a result of past decisions and developments
- ▶ Students of History gain skills that are invaluable in numerous career paths. They are researchers, writers, critics. They are trained to collect evidence which helps us understand the world—today and in the past
- ▶ NUI Galway has fantastic archival resources. Students in the BA (History) programme gain a unique, hands-on research experience through our Using Archives module, run in conjunction with the NUI Galway archives team

## COURSE FACTS

**CAO Code:** GY105

**Course Level:** 8

**Duration:** 3 years (BA Degree), 4 years (BA International)

**Minimum Entry Points 2018:** 301

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 60

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Ireland and Europe, 1789–1918
- Europe from Medieval to Modern
- Skills for Historians
- Plus two other subjects in Arts, please refer to page 24.

### YEAR TWO

- Two colloquia (small-group modules)
- One lecture module in medieval, early modern, and modern history
- Using archives module
- Three additional modules in any time period

### YEAR THREE

- Two seminars (small group modules)
- Four lecture modules of student's choice
- Dissertation (Research Project) on a topic chosen in consultation with staff

## STUDY ABROAD

In second year, interested students may apply to spend third year studying at a university abroad. There are a range of exchange programmes with universities in Europe (some of which teach through English). Students are encouraged to avail of other types of teaching, research techniques and historical topics.

## CAREER OPPORTUNITIES

The research, writing and communication skills that the BA (History) develops offer an excellent foundation for careers in business, law, education, public service, politics, the media, non-governmental organisations, the film industry, museums, archives, libraries, community work, and a variety of international organisations. Many employers have stated how much they value History graduates in their organisations.



"The variety of modules in History at NUI Galway really appealed to me. In particular, modules on state formation in Europe from the sixteenth to the twentieth century provided me with a great foundation on which to study international relations at MA level."

Jakob McKernan, BA (History)

## FURTHER STUDY

MA (History), MA (Medieval Studies), MA (Culture and Colonialism)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY125 Bachelor of Arts (Digital Arts and Technology)
- GY129 Bachelor of Arts (International)

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 493958

**e.** [collegearts@nuigalway.ie](mailto:collegearts@nuigalway.ie)

**w.** [nuigalway.ie/GY105](http://nuigalway.ie/GY105)

GY109

# Bachelor of Arts (Mathematics and Education)

## COURSE FACTS

**CAO Code:** GY109

**Course Level:** 8

**Duration:** 3 years (BA Degree), 4 years (BA International)

**Minimum Entry Points 2018:** 403

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 25

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- History and Structure of Irish Education
- Principles of Second-Level Mathematics
- Introduction to Educational Sciences
- Practical Teaching Programme 1 (work placement component)
- Algebra and Analysis I and II
- Skills of Mathematics
- 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 II (work placement component)
- Mechanics I
- Differential Forms
- Probability and Statistics
- Linear Algebra
- Geometry

## WHY CHOOSE THIS COURSE?

- ▶ This course provides a unique opportunity to pursue a four-year, full-time honours mathematics degree, which incorporates a highly regarded teaching qualification
- ▶ Graduates of the course are recognised mathematicians and are also recognised by the Teaching Council of Ireland as qualified second-level teachers of Mathematics and Applied Mathematics
- ▶ This is the only available four-year undergraduate degree in Ireland that offers a concurrent degree-level qualification in both mathematics and mathematics teaching

### YEAR THREE

- Curriculum and Assessment
- Practical Teaching Programme III (work placement component)
- Professional Studies: Integrated Project
- Psychology, Sociology and Catering for Diversity
- Research Literacies for Professional Development and Lifelong Learning
- Mathematical Modelling I
- Groups
- Discrete Mathematics
- Mechanics II
- Complex Analysis
- One Mathematics elective

### YEAR FOUR

- Block Teaching Practice (work placement component)
- Practical Teaching Programme: Integrated Project
- Final-Year Symposium
- Final Year Project in Mathematics plus four Mathematics electives OR six Mathematics electives
- Mathematics electives may include: Metric Spaces; Measure Theory; Applied Statistics; Topology; Advanced Statistical Methods for Business; Functional Analysis; Ring Theory; Fields and Applications; Cryptography; Advanced Group Theory; Mathematical Molecular Biology; Networks; Numerical Analysis; Mathematical Modelling II; Non-Linear Systems.

## FURTHER STUDY

As a BA (Mathematics and Education) graduate, you will be well positioned for further study in postgraduate programmes that focus on mathematics, statistics, applied mathematics and education. Graduates have pursued, for example, the Master of Arts (Mathematics); the Master of Science in Business Analytics; the Master of Economic Science (International Finance); and the Master of Science in Actuarial Science at UCD. Graduates may pursue master's degrees in Education including the Master of Education (MEd) by research or the MEd (Design, Learning and Technology), MEd (School Leadership), or MEd (Special and Inclusive Education).

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY124 Bachelor of Arts (Arts with Data Science)
- GY319 Bachelor of Science (Mathematical Science)

## WORK PLACEMENT

As part of the programme, you will undertake a school placement component each year. In total, you will complete 100 hours teaching between Years One and Three, and 13 weeks in a post-primary school in Year Four.

## CAREER OPPORTUNITIES

Our graduates are keenly sought for teaching positions in Ireland and abroad. As a graduate of mathematics, a huge variety of career options are available, including further or higher education, academic or industrial research, ICT, finance, actuarial work, meteorology and scientific journalism.

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 493958

**e.** [collegearts@nuigalway.ie](mailto:collegearts@nuigalway.ie)

**w.** [nuigalway.ie/GY109](http://nuigalway.ie/GY109)

GY110

# Bachelor of Arts with Children's Studies

BA CONNECT

## WHY CHOOSE THIS COURSE?

- ▶ This is the only degree in Ireland or the UK that enables students to combine an Arts degree with a specialism in Children's Studies
- ▶ Students can avail of a work placement and or exchange opportunity in third year
- ▶ The course is a multidisciplinary programme that draws on expertise from a wide range of areas, including literature, the creative arts, law, human rights, sociology and psychology
- ▶ The course is particularly suited to those who are interested in working with children or adolescents

## COURSE FACTS

**CAO Code:** GY110

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 384

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 30

## YOUR COURSE YEAR BY YEAR

Please refer to page 24 to see what arts subjects you can choose on this course.

### YEAR ONE

- Children in Social Contexts
- Irish Childhoods: Gaelic Language and Literature
- Irish Children's Literature

### YEAR TWO

- Children and Storytelling
- Child Law
- Positive Psychology

### YEAR THREE

- Connecting Research, Policy and Practice in Children's Services
- Children's Rights
- Theatre for Children and Young People
- Children and Transition
- Twenty-First Century Young Adult Literature
- Work Placement and/or Study Abroad

## YEAR FOUR

- Completion of studies in your two core degree subjects.

Modules offered may change from year to year, depending on availability.

## WORK PLACEMENT

The third year of the degree incorporates a placement and/or exchange. National and international work placements provide valuable opportunities to work with or on behalf of children, and Children's Studies students are encouraged to tailor their third-year work placements to their chosen career path. Students studying a language can carry out their placements abroad.

## STUDY ABROAD

Students taking a language must spend a minimum of 12 weeks in a country where that language is spoken before they enter their final year. A number of exchanges with European universities are available to language students for this purpose, and students who opt to study abroad for a semester will be assisted by the programme director in selecting suitable courses while abroad. Non-language students may also avail of an exchange with an English-speaking university. The programme has links with the International Youth Library (Germany), the European Montessori (Belgium), Colegio Aljarafe (Spain) and Babylangues (France). Past students have also successfully been placed as English-language assistants at primary schools across Europe.

## CAREER OPPORTUNITIES

This is the perfect platform from which to pursue careers in social care, child and family support, advocacy, the creative arts, primary school teaching, healthcare and community development. The particular options open to graduates vary enormously depending on the two subjects that they take with their specialism. Recent graduates are currently working in speech and language therapy, play therapy, social work and public policy, as well as teaching and educational support in Ireland and abroad.

## FURTHER STUDY

Graduates are well situated to apply to postgraduate programmes with a focus on children, including postgraduate qualifications to teach at primary school level. Students interested in child and family support services may apply to the MA (Family Support Studies) at NUI Galway's Child and Family Research Centre. Depending on the subjects taken with Children's Studies, graduates may also pursue postgraduate degrees in arts administration, publishing, journalism, advocacy, law, psychology or sociology.

## YOU MIGHT ALSO LIKE

- GY121 Bachelor of Arts (Children Studies)
- GY101 Bachelor of Arts (Joint-Honours)
- GY129 Bachelor of Arts (International)

## FIND OUT MORE

Dr Michal Molcho  
Programme Director  
College of Arts, Social Sciences,  
and Celtic Studies

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**e.** [michal.molcho@nuigalway.ie](mailto:michal.molcho@nuigalway.ie)

**w.** [nuigalway.ie/GY110](http://nuigalway.ie/GY110)

GY111

# Bachelor of Arts with Creative Writing

BA CONNECT

## COURSE FACTS

**CAO Code:** GY111

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 420

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 40

## WHY CHOOSE THIS COURSE?

- ▶ This course provides a unique opportunity for students with an aptitude and passion for literary expression
- ▶ In keeping with the principle that, 'writers learn to write by writing', the emphasis in the third year is on practice-based learning and experience. In consultation with the programme director, you will embark on either one independent writing project that you can concentrate on for the duration of the year, or you may develop two distinct projects (one per semester)
- ▶ Throughout the first year, a guest speaker from the writing professions visits the class each week for discussions and an informal Q&A session

## YOUR COURSE YEAR BY YEAR

Please refer to page 24 to see what arts subjects you can choose on this course.

### YEAR ONE

- Module 1: The Forms of Fiction
- Module 2: Exploring Non-Fiction
- Module 3: Writing Professions

### YEAR TWO

- Module 1: The Voices and Styles of Poetry
- Module 2: 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

## STUDY ABROAD

If you are studying a language, exchanges with European universities are possible, and the courses you can take abroad will be discussed with you in advance by the programme director. Non-language students may also avail of an exchange with an English-speaking university.

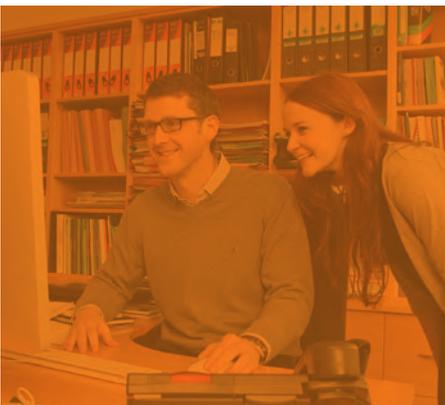
## CAREER OPPORTUNITIES

This course 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.



"I would recommend the course to anyone with a passion for writing, for that's what you'll encounter at NUI Galway—you will have the space to develop your own voice and style in a passionate and supportive environment."

Helen Hughes, BA with Creative Writing



## FURTHER STUDY

Graduates can go on to pursue a wide range of postgraduate study opportunities including the MA (Writing) and a practice-led PhD in English.

For further details see:

[www.nuigalway.ie/creativewriting](http://www.nuigalway.ie/creativewriting)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY129 Bachelor of Arts (International)
- GY119 Bachelor of Arts (Journalism)

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 495612

**e.** [collegearts@nuigalway.ie](mailto:collegearts@nuigalway.ie)

**w.** [nuigalway.ie/GY111](http://www.nuigalway.ie/GY111)

GY112

# Bachelor of Arts with Film Studies

BA CONNECT

## COURSE FACTS

**CAO Code:** GY112

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 337

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 20



"The study abroad programme has been a fantastic opportunity to travel and learn in a different country and experience a new culture, which has really helped me grow as a person."

Patrick Fallon - Final year

## WHY CHOOSE THIS COURSE?

- ▶ Students analyse, contextualize and theorise a range of screen practices and audio-visual media from over a century of history
- ▶ Film Studies is a theoretically orientated course, but students are also trained in the basics of digital filmmaking in their third year, gaining key practical skills in audio-visual media production
- ▶ Each week the Huston School of Film and Digital Media at NUI Galway hosts internationally acclaimed figures from the film industries. Past guests have included Stephen Rea, Stephen Frears and Conor Horgan

## YOUR COURSE YEAR BY YEAR

Please refer to page 24 to see what arts subjects you can choose on this course.

### YEAR ONE

The programme is broken up into three introductory mini-modules, each of eight weeks' duration:

- Film Form
- Genre
- Beyond Hollywood

### YEAR TWO

- Realism and Cinema
- Digital Storytelling

### YEAR THREE

- Academic Researching and Writing in Film Studies
- Screening Ireland Early and Silent Film
- Introduction to Visual Culture
- Applied Film Studies

### 2nd Semester

Students study abroad or do a work placement/ independent course of study but also complete an Extended Research Project.

### YEAR FOUR

- Students complete studies in their two core Arts subjects

Modules offered may change from year to year, depending on availability.

## WORK PLACEMENT

Students who do not undertake a semester abroad during their third year can pursue work placement(s), practice-based project(s) and a personal theoretical investigation tailored to individual interests. Past students who have elected to take this option have gained work experience at companies such as TV3, Ros na Rún and the Jameson Dublin International Film Festival. Students have also produced their own documentaries and films during this period, which have been publically screened or used as portfolio works for further study in film production.

## STUDY ABROAD

During their third year, students have the opportunity to study for a semester abroad. Current partnership agreements include the University of Southampton, University of Kent, Edge Hill University, University of Sussex, Drexel University, the University of California, Aix-Marseill Université and Universidad Cardinal Herarra.

## CAREER OPPORTUNITIES

The career trajectory with the BA with Film Studies is similar to that of any arts-orientated Degree. However, Film Studies graduates are uniquely equipped with extra transferable skills and experience to help in the job search. Many of our graduates undertake further study in specific film and media related areas, such as film curation, production or screenwriting. Other students have gone on to careers in media production or journalism.

## FURTHER STUDY

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

## YOU MIGHT ALSO LIKE

- GY127 Bachelor of Arts (Film and Digital Media)
- GY115 Bachelor of Arts with Performing Arts Studies
- GY125 Bachelor of Arts (Digital Arts and Technology)

## FIND OUT MORE

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GY113

# Bachelor of Arts with Human Rights

BA CONNECT

## COURSE FACTS

**CAO Code:** GY113

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 320

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate including: Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 20

## WHY CHOOSE THIS COURSE?

- ▶ This is the only undergraduate course of its kind in Ireland, allowing you to combine the study of Arts subjects with human rights
- ▶ NUI Galway is home to the Irish Centre for Human Rights, one of the world's premier academic human rights institutions, dedicated to the study and promotion of human rights, international criminal law and humanitarian law.
- ▶ The course provides a solid basis for those interested in working in the area of human rights, in Ireland or abroad

## YOUR COURSE YEAR BY YEAR

Please refer to page 24 to see what arts subjects you can choose on this course.

### YEAR ONE

- Introduction to Human Rights Law (Semesters 1 and 2)

### YEAR TWO

- Regional Systems of Human Rights Protection (Semester 1)
- Contemporary Issues in Human Rights (Semester 2)

### YEAR THREE (OPTIONS INCLUDE)

- Internship (Semester 1 or 2 or for the academic year)
- Applied Human Rights Project (Semester 1 or 2 or for the academic year)
- Study Abroad (Semester 1 or 2 or for the academic year)

### YEAR FOUR

- Two core degree subjects (BA Subjects)

## WORK PLACEMENT

The third year of the course is fully dedicated to human rights, and students have the opportunity to undertake work placement in this area. The placement consists of a minimum of 200 hours of work (on average 20 hours per week for three months) with an approved human rights organisation in Ireland or abroad. This allows students to gain first-hand experience with the work of a human rights organisation.

## STUDY ABROAD

The course offers opportunities for students to study abroad. This particularly suits students taking language modules, who in their third year may apply to study abroad through the Erasmus programme.

## CAREER OPPORTUNITIES

The degree provides an excellent foundation for many types of careers. Career prospects include working with civil society organisations, public administration, development agencies and international organisations. Among the roles undertaken by our recent graduates is project manager in an African-based human rights non-governmental organisation (NGO).



## FURTHER STUDY

The degree provides a firm basis for further study at the postgraduate level, including all LLM programmes offered by the Irish Centre for Human Rights, NUI Galway.

[www.nuigalway.ie/irish-centre-human-rights/academics/llmprogrammes/](http://www.nuigalway.ie/irish-centre-human-rights/academics/llmprogrammes/)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint Honours)
- GY251 Law
- GY250 Law and Business
- GY132 Government (Politics, Economics and Law)

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

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GY115

# Bachelor of Arts with Performing Arts Studies

BA CONNECT

## WHY CHOOSE THIS COURSE?

- ▶ This course offers a unique opportunity to combine the study of two arts subjects with performing arts studies
- ▶ In year three students have an opportunity to engage in a work placement in the area of performing arts
- ▶ NUI Galway is home to the Abbey Theatre Digital Archive—the largest online theatre archive ever created
- ▶ Classes include a blend of theory and practice, and there is a strong focus on developing entrepreneurial and professional skills that will allow you to apply your creativity in real-world settings

## COURSE FACTS

**CAO Code:** GY115

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 319

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes. No auditions or portfolios are required as part of the admission process.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 18

## YOUR COURSE YEAR BY YEAR

Please refer to page 24 to see what arts subjects you can choose on this course.

### YEAR ONE

- Theatre History
- Acting Methods
- Stagecrafts

### YEAR TWO

- Advanced Acting
- Performance Styles

### YEAR THREE

- Internship/Work Placement
- Professional Production
- International Theatre Experience
- Musical Theatre
- Children's Theatre
- Performance in the Irish Language

### YEAR FOUR

- Students take degree subjects only, and do not study any theatre or drama.

## WORK PLACEMENT

The third year of the course features the option to engage in placements with leading arts organisations including the Gate Theatre, the Abbey Theatre, Druid, Branar Theatre Company and the Galway Theatre Festival. Students get hands-on experience in such areas as programming, curation, arts administration, marketing and PR, research, audience engagement and script development.

## STUDY ABROAD

The course is run by the Centre for Drama, Theatre and Performance, which has international links with several major US universities, including ones in California, North Carolina, New Hampshire and Kentucky. Anyone studying languages will have opportunities to travel to countries/regions where those languages are spoken. The centre offers some scholarships in support of student exchanges and also welcomes many international students every year, providing a vibrant and cosmopolitan learning environment.

## CAREER OPPORTUNITIES

This course aims to produce graduates who will be able to take up major opportunities nationally and internationally, including opportunities provided by the development of an estimated 8,000 jobs in the creative industries in the west of Ireland during the next decade. Other relevant areas include education, business, and tourism and heritage.



"You will make connections with professionals in the theatre sphere as well as forming close friendships with your fellow classmates and thespians around NUI Galway."

Meghan Smith, BA with Performing Arts Studies



## FURTHER STUDY

[nuigalway.ie/drama/postgrad/](http://nuigalway.ie/drama/postgrad/)

## YOU MIGHT ALSO LIKE

- GY118 Bachelor of Arts (Drama, Theatre and Performance Studies)
- GY129 Bachelor of Arts (International)
- GY130 Bachelor of Arts (Music)

## FIND OUT MORE

Dr Ian R. Walsh  
Centre for Drama, Theatre and Performance

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GY119

# Bachelor of Arts with Journalism

BA CONNECT

## COURSE FACTS

**CAO Code:** GY119

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 388

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 30

## WHY CHOOSE THIS COURSE?

- ▶ The course is designed to prepare you for real-world careers in the media, while at the same time allowing you to complete a joint-honours degree in two Arts subjects of your choice
- ▶ Students have the opportunity to engage in a professional work placement in third year of this course
- ▶ Galway has a vibrant media sector, on and off campus, providing numerous opportunities to hone your skills in real-world settings

## YOUR COURSE YEAR BY YEAR

Please refer to page 24 to see what arts subjects you can choose on this course.

### YEAR ONE

- Module 1: Cultural Foundations
- Module 2: This is the News
- Module 3: Narrative Journalism
- Plus three arts subjects from the BA (Joint-Honours) programme

### YEAR TWO

- Module 1: Broadcasting Encounters
- Module 2: The Journalist's Web
- Plus two core degree subjects

### YEAR THREE

Choose a work placement and/or study abroad

### YEAR FOUR

Completion of studies in your two core degree subjects.

## NOTE

The curriculum for this course is currently being reviewed and there may be some changes for students enrolling in 2019. If you are considering applying for this course, please visit <http://www.nuigalway.ie/courses/undergraduate-courses/journalism.html> for the most up to date curriculum details.

## WORK PLACEMENT

You will have the opportunity to undertake a work placement in a newsroom or similar media company. You will have the opportunity to apply for three- and six-month work placements with high-profile employers and organisations and with newspaper, radio and television companies throughout Ireland and internationally. The programme also facilitates students who secure international placements.

## STUDY ABROAD

Students may choose to pursue a work placement or study abroad as part of their third year. Those taking a language must spend a semester abroad. Students without a language may choose to go on an Erasmus exchange in Europe or study abroad with an English-speaking university outside the EU.

## CAREER OPPORTUNITIES

The skills and experience acquired will equip you for employment in all those fields where communication is primary, including not only journalism but also in technology companies, communications roles and wider media jobs. Along with fostering your own ambitions and talents, the programme provides you with the opportunity to cultivate contacts and networks among professional journalists. You will engage in study in two Arts subjects (in addition to journalism) to degree level, and so have additional expertise in those areas.



## FURTHER STUDY

The skills you develop through your BA with Journalism will directly benefit you in your other degree subjects, and your specialism will also make you a highly valued candidate for postgraduate programmes that focus on writing, media and communication or that cover areas of cultural, social and political interest. Ideally we strongly recommend students interested in a career in journalism complete both the BA and the professional MA in Journalism.

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY126 Bachelor of Arts (English and Media Studies)
- GY111 Bachelor of Arts with Creative Writing

## FIND OUT MORE

Tom Felle, Head of Journalism Programmes

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GY118

# Bachelor of Arts (Drama, Theatre and Performance Studies)

## WHY CHOOSE THIS COURSE?

- ▶ This is a world-class, four-year course that allows students to study drama, theatre and performance together with one other arts subject
- ▶ Students explore a variety of topics, including acting, playwriting, directing, design, theatre history, and musical theatre
- ▶ Our students benefit from our partnerships with the Irish theatre companies, including the internationally acclaimed Druid Theatre, which provides workshops as part of the Druid Academy Programme. Students also have full access to the Abbey Theatre Digital Archive, a unique resource that provides access to thousands of plays and videos

## COURSE FACTS

**CAO Code:** GY118

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 406

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes. Students are not required to audition or submit portfolios.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 18

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Acting 1
- Theatre History 1
- Theatre History 2
- Stagecraft 1

### YEAR TWO

- Modern Drama
- Playwriting
- Contemporary Drama
- Introduction to Directing
- Dance and Movement
- Contemporary Theatre
- Stagecraft 2

### YEAR THREE

- Internship/Work Placement
- Professional Production
- International Theatre Experience
- Musical Theatre
- Performance in the Irish Language

### YEAR FOUR

- Performance Studies
- Contemporary Irish Theatre
- Performance as Research Project
- Theatre Management

Several optional modules are made available every year, allowing students to explore new areas and to develop new skills.

### WORK PLACEMENT

Placements typically last four to six weeks and are with major Irish theatre companies, including the Abbey Theatre, Druid Theatre, Macnas and the Galway International Arts Festival. These prepare students for work in the arts but also give them experience in such areas as marketing and communications, administration and budgeting, and public relations.

Placement opportunities are competitive, programme specific, and subject to change depending on availability. Work placements include community, industry and on-campus opportunities. Year three study opportunities are also available at NUI Galway and beyond.



"This degree gives you the opportunity to combine a passion for theatre with career potential. I spent my third year immersed in all things drama related, doing different plays and work experience. I learned to direct and produce as well as improve my performance skills. Galway is a key cultural hub for theatre in Ireland and an ideal learning place for young theatre practitioners."

Ruth Darcy, BA (Drama, Theatre and Performance Studies)

### FURTHER STUDY

MA (Drama and Theatre Studies), MA (Playwriting and Dramaturgy), MA (Theatre Practice and Production), MA (Irish Theatre History Archives), MA (Arts Policy and Practice)

### YOU MIGHT ALSO LIKE

- GY115 Bachelor of Arts with Performing Arts Studies
- GY101 Bachelor of Arts (Joint-Honours)
- GY126 Bachelor of Arts (English and Media Studies)

### STUDY ABROAD

The Centre for Drama, Theatre and Performance has links with many universities internationally. Students can apply to participate in exchanges in third year. In the USA: University of California, University of North Carolina (Chapel Hill), Keene State University (New Hampshire), Berea College (Kentucky). In Europe: Tours (France), Oviedo (Spain), Bochum (Germany). Some scholarships, providing free room and board, are available on USA exchanges.

### CAREER OPPORTUNITIES

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.

### FIND OUT MORE

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GY120

# Bachelor of Arts (Child, Youth and Family: Policy and Practice)

## WHY CHOOSE THIS COURSE?

- ▶ This is the only undergraduate course of its kind in Ireland
- ▶ This degree course is for students who know that their future career is either in practice with children, youth and families or in implementing and shaping public policy for them
- ▶ The core strengths of this course include: an eight-month work placement in Year three; small group teaching delivered in the Institute for Life; and teaching that is led by professionals working in the sector and staff from the UNESCO Child and Family Research Centre

## COURSE FACTS

**CAO Code:** GY120

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 308

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 40

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Introduction to Child, Youth and Family Studies
- Concepts and Practices of Politics and Sociology
- Youth Development
- Personal and Professional Development
- Introduction to Economic Policy
- Applications Programming
- Development Psychology
- Applied Economics
- Internet and Web Development

### YEAR TWO

- Youth Work Principles and Practice
- Qualitative Research Methods
- Quantitative Research Methods
- Understanding Family and Society
- Economics of Family Policy
- Economics of Public and Social Policy
- Promoting Mental Health and Well-Being in Families
- Human Rights, Inter-Culturalism and Equality
- Developmental Work through the Outdoors
- Child, Youth and Family Service Provision in Ireland
- Communities in Focus
- Professional Skills

### YEAR THREE

- Work Placement

### YEAR FOUR

- Connecting Research, Policy and Practice in Children's Services
- Theatre of the Oppressed in Youth and Family Work
- Child Protection and Welfare
- The Value of Arts in the Lives of Children
- Comparative Public Policy
- Project Planning and Evaluation
- Family Law
- Issues in Contemporary Families
- Current Debates in Youth and Family Work
- Optional Modules

Equivalent modules may be substituted from time to time for any of the above under exceptional circumstances and when approved by the College of Arts, Social Sciences, and Celtic Studies.

## FURTHER STUDY

Graduates of this degree will be eligible to apply for a range of postgraduate courses on offer at NUI Galway. These include: MA (Social Work), MA (Family Support), and MA (Gender, Globalisation and Rights).

## YOU MIGHT ALSO LIKE

- GY118 Bachelor of Arts (Drama, Theatre and Performance Studies)
- GY129 Bachelor of Arts (International)
- GY130 Bachelor of Arts (Music)

## WORK PLACEMENT

In Years one and two, you can participate in ALIVE, NUI Galway's certified student volunteering programme, which operates both in the University and in the broader community. During Year three of the programme, you will be placed in a structured, supervised and challenging work placement, where you can further enhance your skills and begin to see which area of work you are interested in for the future.

Placement opportunities are competitive, programme specific, and subject to change depending on availability. Work placements include community, industry and on-campus opportunities. Year three study opportunities are also available at NUI Galway and beyond.

## CAREER OPPORTUNITIES

Upon graduation, you will have the necessary skills to apply directly for positions in the voluntary, community and statutory sectors, including youth-work positions with organisations such as Foróige and Youth Work Ireland, with whom the UNESCO Child and Family Research Centre has strong links.

## FIND OUT MORE

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GY121

# Bachelor of Arts (Children's Studies)

## WHY CHOOSE THIS COURSE?

- ▶ This course provides training that is not available anywhere else in Europe, resulting in a unique and internationally marketable qualification
- ▶ Students will gain practical insights into the varied contexts in which children live their lives and will gain an appreciation of what is involved in developing best practices for working with children and young people
- ▶ Students will gain an appreciation of children's rights, education, welfare and child development as well as knowledge of the methodologies and research practices that inform this child-centred and rights-based field of study

## COURSE FACTS

**CAO Code:** GY121

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 350

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes. Students are not required to audition or submit portfolios.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 18

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Introduction to Children's Studies
- Children in Social Contexts
- Children and Fairy tales
- Children and Health
- History of Childhood
- Child Development

### YEAR TWO

- Exploring Irish Childhoods
- Adolescents in Ireland: Healthy and Risky Behaviour
- Research Methods
- Child Law
- Educational Pedagogies: Policies and Practice
- Children and Storytelling

### YEAR THREE

- Child-Centered Research
- Children and Transition
- Children and Play
- Twenty-First-Century Young Adult Literature
- Semester-Long Placement/Exchange

### YEAR FOUR

- Children's Rights
- Children and Theatre
- Children and Inequalities
- Children, Culture and Media
- Applied Behavioural Analysis
- Independent Project

Equivalent modules may be substituted from time to time for any of the above under exceptional circumstances and when approved by the College of Arts, Social Sciences, and Celtic Studies.

### WORK PLACEMENT

The aim of the third year one-semester placement is to provide students with experience of working with or on behalf of children either nationally or abroad. Placements can be taken in primary schools, after-school settings, children's libraries, museums and arts organisations, children's rights and advocacy organisations, hospitals and day-care centres and research centres.

Placement opportunities are competitive, programme specific, and subject to change depending on availability. Year three study opportunities are also available at NUI Galway and beyond.

### FURTHER STUDY

Areas such as play therapy, social work, health promotion, arts administration, teaching, special needs teaching, speech and language therapy, public advocacy and activism are all options of further study.

### YOU MIGHT ALSO LIKE

- GY123 BSc (Applied Social Science)
- GY110 Bachelor of Arts with Children Studies
- GY120 Bachelor of Arts (Child, Youth and Family: Policy and Practice)

### STUDY ABROAD

Students who take a foreign language as part of their BA (Children's Studies) will have the option to study for a semester at a European university under the Erasmus exchange programme before carrying out their second semester work placement (either in Ireland or abroad). Students who are interested in studying in Canada may also apply for a one-semester exchange at the University of York in their third year.

### CAREER OPPORTUNITIES

Career options include advocacy work, children's research, children's journalism, children's television and film production, children's librarianship, child-minding, public policy, arts administration, museum work, child welfare work, children's rights activism, social work, counselling and international development work, as well as primary school teaching. Students who are interested in becoming primary school teachers should note that this will require the addition of a two-year postgraduate Master's in Education at an Irish college of Education combined with the Scrúdú Cáilíochta sa Ghaeilge.

### FIND OUT MORE

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GY123

# Bachelor of Science (Applied Social Sciences)

## WHY CHOOSE THIS COURSE?

- ▶ This innovative four-year degree is aimed at socially-aware students with a passion to better understand, appreciate, and address the crucial contemporary social, environmental and economic issues of our times
- ▶ Students will participate in an international fieldtrip in Year Two as well as an eight-month internship/placement in Year Three, gaining practical experience and understanding of working in key areas of social scientific research
- ▶ This interdisciplinary degree draws on key strengths of schools, disciplines and research institutes right across the university, allowing for the synthesis of ideas from many diverse disciplines and perspectives to produce career-ready graduates

## COURSE FACTS

**CAO Code:** GY123

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 350

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 50

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Introducing the Social Sciences;
- Introduction to Sociology and Political Science
- Psychology for Social Scientists
- Introduction to Economic and Social Policy
- Principles of Geography
- Digital Citizenship.

### YEAR TWO

In addition to further developing their critical understanding of key areas of the social sciences, students will focus on problem-centred learning and will undertake research methods courses aimed at tackling current and future societal challenges and learn how to use social scientific technology tools such as GIS, SPSS and NVivo. Year Two will also entail an international fieldtrip in Semester two.

### YEAR THREE

Work-based internship for eight months (January–August); a dedicated member of staff coordinates and places every student within their selected sector and tailors their training and experience. Students will also undertake the module, Career Development and Readiness.

### YEAR FOUR

Students will again select modules within their focused pathway and, in addition, students will be paired with an academic supervisor to design, develop and undertake a research project, with a strong focus on publishing their finished work. The four study pathways offered in this final year are:

- Environmental Social Studies
- Culture, Creativity and Entrepreneurship
- Politics, Society and Identity
- Communities, Engagement and Development.

## WORK PLACEMENT

Our students will have the opportunity to participate in an eight-month national or international work internship/placement, which takes place in Year Three. This internship will provide practical experience and links with programme partners, organisations, industry and businesses, and will serve to enhance student overall employability. Post-internship, Year 4

will focus on building upon the work experience and knowledge acquired, preparing students for future career choices or further study opportunities in their chosen field.

Placement opportunities are competitive, programme specific, and subject to change depending on availability. Work placements include community, industry and on-campus opportunities. Year three study opportunities are also available at NUI Galway and beyond.

## STUDY ABROAD

An international fieldtrip is a significant element of the degree in Year Two. The course also offers exciting prospects to study or work abroad as part of the student internship/placement experience in Year Three. Such study/work opportunities suit students who view their futures as part of the international community of social scientific researchers and activists, such as with the European Union or United Nations. Studying abroad is offered through the Erasmus programme. Our internationally renowned lecturers continue to expand their teaching and research networks globally with other academics, institutions and universities.

## CAREER OPPORTUNITIES

Students can expect to develop careers in many diverse areas, industries and sectors such as community development, social care, environmental and urban planning, Irish and international non-governmental organisations (NGOs), local and national politics, international development, human resource management, journalism, the media and social research, to mention just a few such callings. The course also offers exciting opportunities to develop careers in business and industry, specifically in areas of innovation, culture, creativity and entrepreneurship.

## FURTHER STUDY

For more on further study options with NUI Galway please see: [nuigalway.ie/courses/taught-postgraduatecourses/](http://nuigalway.ie/courses/taught-postgraduatecourses/)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY132 Bachelor of Arts Government (Politics, Economics and Law)
- GY129 Bachelor of Arts (International)

## FIND OUT MORE

Programme Directors

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GY124

# Bachelor of Arts (Arts with Data Science)

## WHY CHOOSE THIS COURSE?

- ▶ Are you good at maths, interested in coding, and keen to study people as well as equations? If so, the new BA in Arts with Data Science may be for you
- ▶ You will get a rigorous technical education in the foundations of data science—mathematics, statistics, IT—plus a full major in a relevant Arts discipline of your choice (Psychology, Economics, Geography, History or Philosophy)
- ▶ By the time you graduate, you will be well qualified to apply data analytic techniques to real-world human problems. Few skills are more highly valued by employers
- ▶ The government expects Ireland to become one of Europe's leading countries for data science. Thousands of new jobs are anticipated, and Galway is already a significant hub

## COURSE FACTS

**CAO Code:** GY124

**Course level:** 8

**Duration:** 4 years

**Minimum Entry points 2018:** 425

**Minimum A-level grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry requirements:**

Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes. A H5 or O1 Grade in Leaving Certificate Mathematics is also a requirement.

**A-Level/GCSE Entry requirements:**

See page 168 for matriculation entry requirements.

**Average intake:** 15

## YOUR COURSE YEAR BY YEAR

Students study Data Science and Mathematics for Data Science and choose one of the following major Arts subjects: Psychology, Economics, Geography, Philosophy or History. Please refer to page 24 for details.

### YEAR ONE

- Arts major + Skills for Data Science 1
- Programming 1
- Programming 2
- Probability 1
- Statistics
- Analysis and Algebra 1
- Analysis and Algebra 2
- Skills for Mathematics

### YEAR TWO

- Arts major + Skills for Data Science 2
- Database Systems
- Probability 2
- Statistical Inference
- Linear Algebra

### YEAR THREE

- Data Science Accelerator in Semester 1: Philosophy of Statistics and Machine Learning
- Artificial Intelligence
- Skills for Data Science 3;
- Calculus
- Formal Logic or Discrete Mathematics
- Work placement in Semester 2.

### YEAR FOUR

- Arts major + Machine Learning and Text Mining
- Applied Regression Models
- Stochastic Processes or Statistical Modelling
- Data Science project

- Data Science case study
- Data Science literature review.

Note: Modules offered may change from year to year, depending on availability.

## WORK PLACEMENT

You will undertake an eight-month, off-campus work placement during your third year of study. This Professional Experience Programme gives you an opportunity to work on projects relevant to your course of study and significantly improves your chances of obtaining employment after graduation.

Placement opportunities are competitive, programme specific, and subject to change depending on availability. Work placements include community, industry and on-campus opportunities. Year three study opportunities are also available at NUI Galway and beyond.

## STUDY ABROAD

Students who wish to do their work placement in another EU country may have the opportunity to apply for an Erasmus traineeship.

## CAREER OPPORTUNITIES

Data analytics talent is in short supply internationally. Graduates from this programme will have a highly attractive portfolio of skills, and will be well positioned for a wide range of graduate careers. Those who pursue further study (e.g., a one-year master's) in data science will be able to apply for data scientist roles.



## FURTHER STUDY

Graduates could go on to further study in data science, mathematics, statistics, information technology, or the Arts discipline in which they majored. Possibilities at NUI Galway include MSc in Data Analytics (GYE06), MSc in Business Analytics (GYC36) and Higher Diploma in Mathematics (GYS15), as well as a wide range of Arts programmes.

## YOU MIGHT ALSO LIKE

- GY319 Bachelor of Science (Mathematical Science)
- GY101 Bachelor of Arts (Joint-Honours)
- GY129 Bachelor of Arts (International)

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 493958

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**w.** [nuigalway.ie/GY124](http://nuigalway.ie/GY124)

GY125

# Bachelor of Arts (Digital Arts and Technology)

## WHY CHOOSE THIS COURSE?

- ▶ Our lives are increasingly shaped by digital technologies. But how can new technologies be used constructively and creatively? What are the impacts, both positive and negative, of the new technologies?
- ▶ You will gain up-to-date practical skills in the creative and professional use of digital technologies, including coding, database construction, web design, and digital content creation
- ▶ The course allows you to complete one full course in an Arts subject, combined with training in relevant aspects of information technology (IT) and data science
- ▶ 90% of employers now look for advanced IT skills in potential employees (Irish Times, 22 February 2017)

## COURSE FACTS

**CAO Code:** GY125

**Course level:** 8

**Duration:** 4 years

**Minimum Entry points 2018:** 361

**Minimum A-level grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 25

"We live in transformational times, and we need to find new ways of thinking about creativity, society and the impact of new technologies. Galway's special combination of rich cultural life, advanced tech industries and academic expertise makes it the perfect place to do this.

Professor Sean Ryder,  
programme Director



## YOUR COURSE YEAR BY YEAR

Please refer to page 24 to see what other Arts subject you can take on this course, with the exception of subjects listed in group 2 and group 5.

### YEAR ONE

- Arts subject major
- Digital Cultures
- Computer Systems
- Computer Programming
- Algorithms

### YEAR TWO

- Arts subject major
- Digital Cultures options
- Database Systems
- Object Oriented Programming
- Web-Based Information Systems

### YEAR THREE

- Work Placement and/or Study Abroad.

### YEAR FOUR

- Arts subject major
- Digital Cultures independent research project
- Information Technology options, including: Multimedia Development, Artificial Intelligence, Ethics and Social Media.

Note: Modules offered may change from year to year, depending on availability.

## WORK PLACEMENT

Placements will be arranged in Year 3. Placements will normally last for one academic year, and will involve work placements in appropriate companies/cultural institutions, international study, or a combination of both. The aim of the year is to add to your practical skills, expand your personal networks and enhance your employability.

Placement opportunities are competitive, programme specific, and subject to change depending on availability. Work placements include community, industry and on-campus opportunities. Year three study opportunities are also available at NUI Galway and beyond.

## STUDY ABROAD

Links will include a number of major European universities participating in the EU-sponsored Erasmus programme.

## CAREER OPPORTUNITIES

Career prospects for graduates with the combination of creativity, communication skills and an advanced understanding of digital technology are increasing all the time. Career opportunities exist in the fields of information technology, education, gaming, creative arts, cultural heritage, public relations, media, journalism, marketing and more.

## FURTHER STUDY

MA (Digital Media), MA (Digital Cultures), MA (Writing), MSc (Software Design and Development), PhD Digital Arts and Humanities

## YOU MIGHT ALSO LIKE

- GY124 Bachelor of Arts (Arts with Data Science)
- GY127 Bachelor of Arts (Film and Digital Media)
- GY101 Bachelor of Arts (Joint-Honours)

## FIND OUT MORE

Professor Sean Ryder,  
School of Humanities

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GY126

# Bachelor of Arts (English and Media Studies)

## WHY CHOOSE THIS COURSE?

- ▶ In 2018 our discipline of English was named in the top 100–150 English Departments in the world
- ▶ The study of English involves the examination of creative expression in all its forms: novels, plays, poems, film, art. The media studies option provides analysis of media, past and present, with attention to issues of representation, identity, and other social concerns
- ▶ Students taking this programme will also take another minor subject in Arts
- ▶ Galway has a vibrant media sector, on campus and off, providing numerous opportunities to hone your skills in real-world settings

## COURSE FACTS

**CAO Code:** GY126

**Course level:** 8

**Duration:** 4 years

**Minimum Entry points 2018:** 408

**Minimum A-level grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

**A-Level/GCSE Entry requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 15

## YOUR COURSE YEAR BY YEAR

The syllabus is subject to change and there is no assurance that the modules provided will be the same in all respects as those listed below.

### YEAR ONE

- Introduction to Fiction
- Introduction to Poetry
- Introduction to Drama and Theatre
- Critical Perspectives on Literature
- Literature in the Social World
- Cultural Foundations (Media Studies)
- Media Ethics
- Digital Literacies: Theory and Practice

### YEAR TWO

- Courses are a combination of lectures and seminars
- Medieval Literature
- Media, Culture, and Society
- 18th Century Studies
- Worlds in Revolt: Romanticisms
- 19th Century British Literature
- Modern Irish Literature
- Representation, Identity, Media

### YEAR THREE

Practical focus, and a choice of modules, including on-campus project work, work observation/ placement and/or study abroad.

### YEAR FOUR

- The History of the Book
- The Revolution will not be Televised
- Genre Studies
- Modernism/Postmodernism
- Contemporary Literature
- Masculinity and Crisis

- Science Fiction
- Writing Animals
- Children's Fiction

BA (English and Media Studies) students will also select one of the following thematic minors: Philosophy; Classics: Literature, Art, Thought; German Language Studies; Italian Language Studies; Spanish Language Studies; Studies in Celtic Literature and Culture; Léann na Gaeilge; Italian Culture; Cultural Transmission; Gender and History; Physical Geography; Human Geography.

## STUDY ABROAD

This is a four-year programme. Students may choose to pursue a placement or assistantship abroad as part of their third year.

## CAREER OPPORTUNITIES

Graduates of this programme will possess not only disciplinary specific knowledge about the development of English literature and media across time, but also valuable transferrable skills that will equip them for today's highly flexible labour market. The skills and experience acquired through this BA will equip you for employment in those fields where communication is paramount, including public relations, marketing, publishing, media.

## FURTHER STUDY

Skills developed through this programme will make you a highly valued candidate for postgraduate programmes that focus on writing, media and communication, politics, sociology, cultural studies.

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY119 Bachelor of Arts with Journalism
- GY111 Bachelor of Arts with Creative Writing

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 493958

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GY127

# Bachelor of Arts (Film and Digital Media)

## WHY CHOOSE THIS COURSE?

- ▶ Students analyse, contextualize and theorise a range of screen practices and audio-visual media from over a century of history
- ▶ Film Studies is a theoretically orientated course, but students are also trained in the basics of digital filmmaking in their third year, gaining key practical skills in audio-visual media production
- ▶ Each week the Huston School of Film and Digital Media at NUI Galway hosts internationally acclaimed figures from the film industries
- ▶ As part of this course, students will study Film and Digital Media, in addition to another major Arts subject

## COURSE FACTS

**CAO Code:** GY127

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry points 2018:** 420

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry requirements:

Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 20

"Film and Digital Media are increasingly central to Ireland's economic and cultural strength, and Galway has established itself at the heart of these growing industries. This programme offers students the opportunity to develop their creative and critical skills within a supportive and collaborative environment. The Huston School of Film & Digital Media at NUI Galway has been at the heart of the film and media industries in the West of Ireland for over a decade and our graduates have gone on to many great successes, including an Oscar nomination."

Dr Conn Holohan,  
Huston School of Film & Digital Media

## YOUR COURSE YEAR BY YEAR

Please refer to page 24 to see what other Arts subject you can take on this course, with the exception of subjects listed in group 2.

### YEAR ONE

- Introduction to Film Studies
- Beyond Hollywood Film
- Digital Design
- Introduction to Filmmaking

### YEAR TWO

- Non-Fiction Film
- Digital Storytelling
- Creative Media Design and Development
- Creative Entrepreneurship
- Realism and European Cinema
- Screenwriting 1
- Film Practice 1
- Multimedia Development

### YEAR THREE

- Work Placement/Service Learning/Creative Project/Placement Abroad

### YEAR FOUR

- Creative Project/Minor Dissertation
- Creative and Cultural Industries
- Early and Silent Cinema
- Irish Cinema
- Introduction to Visual Culture
- Research and Writing Film Studies
- Transnational Cinemas
- Screenwriting 2
- Film Practice 2
- Creative Computing
- Human Computer Interaction
- Artificial Intelligence
- E-Business Marketing

## WORK PLACEMENT

Year 3 of the programme offers students the opportunity to apply the skills and knowledge they have acquired within real-world settings. Working under the supervision of course personnel, students will engage in a range of intensive professional activities in both semesters. These can include internships with media and arts organisations, service learning projects with community groups, and supervised research and creative projects. Undergraduate students at the Huston School of Film and Digital Media have previously gained work experience at companies such as TV3, Ros na Rún and the Dublin International Film Festival.

Placement opportunities are competitive, programme specific, and subject to change depending on availability. Work placements include community, industry and on-campus opportunities. Year three study opportunities are also available at NUI Galway and beyond.

## STUDY ABROAD

The Huston School of Film and Digital Media has Erasmus links with a number of institutions within the UK, Europe and the USA. Students can choose to spend part of the third year of the programme studying at one of these partner institutions.

## FURTHER STUDY

This course offers clear opportunities to pursue further study and research at postgraduate level, including the range of MA programmes at the Huston School of Film & Digital Media such as the:

- MA (Film Production and Direction)
- MA (Digital Media)
- MA (Film Studies: Theory and Practice)

## FIND OUT MORE

Dr Conn Holohan, Huston School of Film and Digital Media

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**w.** [nuigalway.ie/GY127](http://nuigalway.ie/GY127)

GY128

# Bachelor of Arts (Global Languages)

## WHY CHOOSE THIS COURSE?

- ▶ This degree course aims to produce graduates with a high level of competence in at least two languages. You can choose from French, German, Irish, Italian and Spanish
- ▶ Italian is available at beginner level, and German and Spanish are available to both beginners and post-Leaving Certificate students. French and Irish are available at post-Leaving Certificate level
- ▶ Students can choose minors in a range of languages or a minor subject covering language-related fields like translation and linguistics, media and technology, and literature and culture
- ▶ Students may take short introductory courses in Chinese and Latin

## COURSE FACTS

**CAO Code:** GY128

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry points 2018:** 429

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish and English, H4 in a modern language other than Irish and English, and two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 40

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Two languages in first year (one of which must be at post-Leaving Certificate level)
- Option to study a third language as a minor
- Minor in Global Language Studies: Modules in Skills for Learning Languages; Introduction to Translation; Written Words and Spoken Languages; and European Cinema.

### YEAR TWO

- Two languages (minimum)
- Additional study options include minors in:
  - A third language
  - Global Language Studies (with modules on Linguistics, Translation in the World, Media and Technology for Language Learning);

### YEAR THREE

- You will spend Year Three abroad studying or on a language assistantship.

### YEAR FOUR

- Two languages, with option to continue with a third, or continued specialisation in language related modules

## STUDY ABROAD

A recent study by the European Commission revealed that the graduate attributes students acquire during their study abroad, such as problem-solving, self-reliance and cultural awareness, can greatly increase their employability. In Year Three students will either undertake study abroad under the Erasmus programme in Europe or take up a language assistantship. Outside Europe we have additional exchange links with universities in Chile and Mexico. Students will have the option to spend a semester each in two different language areas while on Erasmus.

## CAREER OPPORTUNITIES

As graduates you will have a broad range of career options available to you. You may choose to use your language skills for translation or research or apply your skills to careers in business, the diplomatic service, journalism, the European Commission, the United Nations, teaching and in non-governmental organisations. There are also opportunities to continue studying in Ireland or abroad.

## FURTHER STUDY

MA (Translation Studies), MA (Advanced Language Skills), MA in French, German, Irish, Italian, or Spanish

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY129 Bachelor of Arts (International)
- GY202 Bachelor of Commerce (International)

## FIND OUT MORE

Dr Máire Áine Ní Mhainnín, School of Languages, Literatures and Cultures

**t.** +353 91 493397

**e.** [mary.mannion@nuigalway.ie](mailto:mary.mannion@nuigalway.ie)

**w.** [nuigalway.ie/GY128](http://nuigalway.ie/GY128)

GY129

# Bachelor of Arts (International)

## WHY CHOOSE THIS COURSE?

- ▶ This course is aimed at students who know from the point of application to university that they wish to include an international experience as part of their overall degree
- ▶ The programme operates in a similar fashion to the BA (Joint-Honours) with students taking three subjects in first year and continuing with classes in two of these subjects in second and final year. Students spend third year of their four-year programme studying at a third-level institution abroad or on an approved placement overseas
- ▶ Studying a modern language to degree level involves spending a period, normally an academic year, in a country or region where the language is widely spoken. You will pursue both of your degree subjects during the period abroad. Students registered for two languages are required to spend a minimum of 12 weeks in each of the countries or regions where the relevant languages are spoken. This will usually consist of an academic year abroad arranged by the University in one language and a summer placement arranged by the student in the other country or region
- ▶ Students who do not study a modern language on this programme, may spend a year abroad in China or North America, or on European exchanges where programmes are delivered in English

## COURSE FACTS

**CAO Code:** GY129

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 431

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 20

## WORK PLACEMENT

In addition to the study abroad opportunity, students have the option to apply for the language assistantship programme. Details available from the language disciplines.

## STUDY ABROAD

The College of Arts, Social Sciences, and Celtic Studies has developed and established links across numerous European destinations (e.g., Erasmus Programme). These are updated and extended on an annual basis and range from EU destinations across France, Spain, Germany and Italy to Eastern European destinations such as the Czech Republic and Turkey. There are also a number of study/work placement opportunities in North America, the UK, and China.

## CAREER OPPORTUNITIES

Arts graduates, and in particular language graduates, are in demand. Career destinations represent a broad range of opportunities from hospitality through to the creative industries, in addition to careers in media and communications. In studying abroad, graduates develop skills identified as desirable from across multiple employment sectors. The BA (International) provides entry into multiple and diverse postgraduate programmes offered by the College of Arts, Social Sciences, and Celtic Studies.



## FURTHER STUDY

Further details on one-year, taught postgraduate opportunities can be found here: [nuigalway.ie/courses/taught-postgraduatecourses/](http://nuigalway.ie/courses/taught-postgraduatecourses/)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY128 Bachelor of Arts (Global Languages)
- GY203 Bachelor of Commerce (International)

## FIND OUT MORE

College of Arts, Social Science, and Celtic Studies

**t.** +353 91 493958

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**w.** [nuigalway.ie/GY129](http://nuigalway.ie/GY129)

GY130

# Bachelor of Arts (Music)

## WHY CHOOSE THIS COURSE?

- ▶ This course combines the study of music with one other arts subject
- ▶ It allows students to develop an understanding of the history, theory and practice of music
- ▶ This course is ideal for those who wish to teach music after graduation at Second level
- ▶ Students will benefit from the numerous musical events hosted on campus every year, as part of NUI Galway's partnerships with major arts organisations
- ▶ Galway's status as European Capital of Culture in 2020 will bring huge benefits to students on our BA in Music

## COURSE FACTS

**CAO Code:** GY130

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 462

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate including Irish, English, another language, and three other subjects recognised for entry purposes.

No audition required. Students can take the course without having studied Music for Leaving Certificate.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 20

## YOUR COURSE YEAR BY YEAR

In first year, students take Music with two other arts subjects. In Years Two and Four, they take Music with one other subject. Year Three is dedicated exclusively to Music. Upon graduation, students receive a degree in Music and one other subject (e.g., French, Mathematics, Psychology, Law, Information Technology, English, German, etc.). Please refer to page 24 to see what other Arts subject you can take on this course, with the exception of subjects listed in group six. Students take the following modules:

### YEAR ONE

- Introduction to Music History
- Introduction to Traditional Irish Music
- Vocal and Choral Skills (practice-based module)
- Theory and Critical Listening

### YEAR TWO

- Music Histories and Repertoires II
- Sound Technology
- Composition
- Harmony and Keyboard Harmony
- Traditional Irish Music II (optional)
- Musical Theatre (optional)
- Arts Administration and Management (optional)
- Musical Practice II (optional)

### YEAR THREE

This year is dedicated to the development of special skills and/or experiences. Students will:

- Attend an international university where music is taught or
- Engage in a 10,000-word dissertation on a subject within Music Studies or
- Carry out an internship or
- Complete a supervised practice-based project, culminating in a public recital and/or performance.

### YEAR FOUR

- Composition Project or Dissertation
- Career Development Workshops
- Music Histories and Repertoires III
- Writing About Music and Performance Analysis
- Musical Practice III (optional)
- Choice of special subjects (optional)

BA (History and Globalisation Studies) can select one of the following thematic minors: Classics: Literature, Art, Thought; French Language Studies; German Language Studies; Italian Language Studies; Italian Culture; Cultural Transmission; Physical Geography; Human Geography.

## FURTHER STUDY

Students taking this course can go on to pursue postgraduate study in Music as well as the creative arts more generally.

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY115 Bachelor of Arts with Performing Arts Studies
- GY118 Bachelor of Arts (Drama, Theatre and Performance Studies)

## STUDY ABROAD

In third year, you will have the opportunity to spend a year abroad on the Erasmus exchange programme, either as a full-time student at a European university or conservatoire, or on the Erasmus internship programme where you may apply for language-assistant teaching posts. Internships in arts organizations in Ireland are also possible. There are also international links with American universities where students can study Music and other performing arts subjects.

## CAREER OPPORTUNITIES

The course has been designed to meet the requirements of the Irish Teaching Council, so graduates, following the completion of the PME, will be qualified to teach Music in post-primary education. Students can combine the study of music with subjects such as Psychology, Law, Information Technology or Languages, all of which open up career opportunities in those areas.

## FIND OUT MORE

Dr Aidan Thomson

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GY131

# Bachelor of Arts (History and Globalisation Studies)

NEW FOR 2019

## WHY CHOOSE THIS COURSE?

- ▶ This **NEW** course examines the forces that shaped our globalised world. We analyse how modern society is structured; the links between culture and politics; why they matter; and how and why our world developed in this way
- ▶ Students combine a major in History with a choice of inter-disciplinary courses in related themes. You will develop the critical faculties necessary to understand the processes of global integration over time and space
- ▶ These skills are vital in fields as diverse as business, diplomacy, and the voluntary sector, where individuals must always be conscious of the historical, cultural and political impact of their actions.

## COURSE FACTS

**CAO Code:** GY131

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** N/A

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 20

## YOUR COURSE YEAR BY YEAR

Students take a major in History and follow thematic minor programmes in Globalisation Studies and one other relevant theme. Modules are as follows (subject to change).

### YEAR ONE

Students follow the History programme, along with Globalisation Studies and a thematic minor of their choice.

- Introduction to Global History
- Principles of Human Geography
- Introduction to Politics and Sociology
- Concepts and Practices in Politics and Sociology

## FURTHER STUDY

MA (History), MA (Environment, Society and Development), MA (Culture and Colonialism)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint Honours)
- GY105 Bachelor of Arts (History)
- GY129 Bachelor of Arts (International)

## YEAR TWO

History (seminar and lecture modules), thematic minor, and Globalisation Studies.

- Global History, 1780–1945
- Geographies of Migration
- Skills for Work

## YEAR THREE

Students will undertake a combination of a one-semester work placement (places limited); on-campus studies; a semester abroad on the Erasmus programme; or a full academic year abroad.

## YEAR FOUR

Completion of studies in History (major), thematic minor, and Globalisation Studies:

- Globalisation since 1945
  - Mobilities
  - Globalisation Studies Research Project
- BA (History and Globalisation Studies) can select one of the following thematic minors: Classics: Literature, Art, Thought; French Language Studies; German Language Studies; Italian Language Studies; Italian Culture; Cultural Transmission; Physical Geography; Human Geography.

## WORK PLACEMENT

A number of places will be available in the third year of the programme for students to undertake a single semester work placement. The aim of these placements is for you to develop the knowledge and skills acquired on the programme in a professional setting.

Placement opportunities are competitive, programme specific, and subject to change depending on availability. Work placements include community, industry and on-campus opportunities. Year three study opportunities are also available at NUI Galway and beyond.

## STUDY ABROAD

Students may opt to spend a semester or full academic year abroad as part of the third year of their studies. NUI Galway has Erasmus exchange programmes with a range of universities across Europe, where students can develop their language skills, experience different cultures, and engage with new ideas and topics.

## CAREER OPPORTUNITIES

Graduates develop skills of cultural intelligence—the ability to understand, relate and work across different cultures—that have become highly valued in the modern workplace. It provides good preparation for a range of careers, including business, the diplomatic service, international development, journalism, education, the non-governmental sector, public service, the heritage industries, and publishing.

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 493958

**e.** [collegearts@nuigalway.ie](mailto:collegearts@nuigalway.ie)

**w.** [nuigalway.ie/GY130](http://nuigalway.ie/GY130)

GY132

# Bachelor of Arts Government (Politics, Economics and Law)

NEW FOR 2019

## COURSE FACTS

**CAO Code:** GY132

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** N/A

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 60



## WHY CHOOSE THIS COURSE?

- ▶ Do you want to better understand how government works and how public policy can be improved?
- ▶ Do you want to better understand how politics, economics and law combine to produce public and social policy?
- ▶ Are you interested in working in government, business, or law? If so, then the BA: Government (Politics, Economics, and Law) at NUI Galway is for you
- ▶ The three core disciplines of this degree combine to give graduates unique knowledge and background to develop careers in both the private and public sectors

## YOUR COURSE YEAR BY YEAR

### 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 OR Social Issues and Policy Responses
- Public Administration
- Intermediate Macroeconomics
- Economics of Public Policy
- Constitutional Law II
- Health Law and Policy
- Modern Political Thought (Political Theory) or Classical Social Thought (Social Theory)
- Methods for Social and Political Scientists

### YEAR THREE

Work Placement, Study Abroad, Research Project and Complementary Study Options.

### YEAR FOUR

- 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

### STUDY ABROAD

Students can avail of opportunities to study abroad with the Erasmus programme throughout Europe.

### CAREER OPPORTUNITIES

This degree combines the study of politics, economics and law. This degree creates career opportunities in local and national government, business, non-profit organisations, consultancy, public affairs, professional services, the EU and global development agencies. The multidisciplinary nature of the degree also opens opportunities in public administration, policy analysis, industrial relations, public relations, journalism, social work, community work, political advocacy, management, economics and law.

### FURTHER STUDY

With a solid base in three key disciplines this degree uniquely creates and enhances prospects for further study in business (such as an MBA), economics, political science, law, human relations, public policy analysis, sociology, and community development. Those who wish to pursue a career in law will be exempted from the first year of their LLB.

### YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY251 Law
- GY201 Bachelor of Commerce

### FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

**t.** +353 91 493958

**e.** [collegearts@nuigalway.ie](mailto:collegearts@nuigalway.ie)

**w.** [nuigalway.ie/GY132](http://nuigalway.ie/GY132)

GY133

# Bachelor of Arts Education (Computer Science and Mathematical Studies)

NEW FOR 2019

## WHY CHOOSE THIS COURSE?

- ▶ This is a new course which allows you to combine the study of mathematics with computer science and post-primary teaching education
- ▶ This is a four year concurrent initial teacher education programme and includes a number of school placement opportunities throughout the course
- ▶ At the end of this four year course graduates will be eligible to teach computer science and mathematics.

## COURSE FACTS

**CAO Code:** GY133

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** N/A

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

A H5 or O1 Grade in Mathematics is also a requirement.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 25

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Analysis and Algebra 1 and 2
- Mathematical Skills
- Computer Systems
- Programming I and II
- History and Structure of Irish Education
- Practical Teaching Programme 1
- Introduction to Educational Sciences
- Principles of Second-Level Mathematics

### YEAR TWO

- Calculus 1
- Linear Algebra
- Statistics for Data Science 1 and 2
- Object Oriented Programming I and II
- Web-based Information Systems
- Practical Teaching Programme 2

### YEAR THREE

- Discrete Mathematics
- Linear Algebra
- Systems Analysis and Design
- Database Systems I
- Curriculum and Assessment
- Research Literacies for Professional Development and Lifelong Learning
- Practical Teaching Programme
- Professional Studies Integrated Project
- Psychology, Sociology and Catering for Diversity

### YEAR FOUR

- Complex Variables
- Geometry
- Calculus 2
- Multimedia Development
- Networks and Computer Communications
- Final Year Project
- Practical Teaching Programme: Integrated Project
- School Placement: Block Teaching Experience

### WORK PLACEMENT

As part of this degree course you will undertake a school placement component each year. In total, each pre-service teacher will complete 100 hours of teaching between years one and three, and 13 weeks in a second level school in year four of the programme.

### CAREER OPPORTUNITIES

Our graduates are keenly sought for teaching positions in Ireland and abroad. Opportunities outside of the teaching profession include further or higher education, academic or industrial research, ICT, finance and technology.

## FURTHER STUDY

Graduates of this course will be well positioned for further study in postgraduate programmes that focus on education, mathematics and computer science.

### Master of Education (MEd.)

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

### Master of Science (Software Engineering and Database Technologies)

[nuigalway.ie/courses/adult-and-continuing-education-courses/software-engineering-and-database-technologies.htm](http://nuigalway.ie/courses/adult-and-continuing-education-courses/software-engineering-and-database-technologies.htm)

### Postgraduate Diploma in Arts (Mathematics)

[nuigalway.ie/courses/taught-postgraduate-courses/arts-maths.html](http://nuigalway.ie/courses/taught-postgraduate-courses/arts-maths.html)

### Master of Science in Business Analytics

[nuigalway.ie/courses/taught-postgraduate-courses/business-analytics.html](http://nuigalway.ie/courses/taught-postgraduate-courses/business-analytics.html)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY124 Bachelor of Arts (Arts with Data Science)
- GY109 Bachelor of Arts (Mathematics and Education)

## FIND OUT MORE

College of Arts, Social Sciences, and Celtic Studies

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**w.** [nuigalway.ie/GY133](http://nuigalway.ie/GY133)

AS051

# Bachelor of Applied Science in Nutrition, Food and Business Management

LOCATION: SLIGO

## COURSE FACTS

**CAO Code:** AS051

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 339

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 32



"The highlight was my placement. We were prepared for placement really, well. I worked in marketing and new product development"

Stephanie Walsh,  
Buyer for Lidl Ireland.

## WHY CHOOSE THIS COURSE?

- ▶ If you have an interest in working within the food industry nationally or internationally then this programme may be for you
- ▶ To date this programme has achieved 100% graduate employment
- ▶ Ultimately the programme seeks to create graduates with the capacity for developing food products to meet the nutritional needs of health-conscious consumers, those with dietary restrictions, the elderly and the young

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Nutrition 1: Nutrition, Diet and Health
- Food Science
- Microbiology 1
- Food Preparation and Culinary Skills
- Introductory Marketing and Finance
- Business Management and Food Legislation

### YEAR TWO

- Nutrition 2: Nutrition through the Life Cycle
- Nutrition 3: Biochemistry of Nutrition
- Food Science and Applied Culinary Skills
- Industrial-Scale Food Production
- Microbiology 2
- Marketing and Finance
- Principles of Sensory Sciences

### YEAR THREE

- Nutrition 4: Lifestyle, Health and Disease
- 20-week placement, nationally or internationally, in a food industry or a food-related organisation
- Digital Marketing
- Operations Strategy
- Marketing Research
- Innovations in Food Processing and Preservation

### YEAR FOUR

- Food Quality Management and Auditing
- Strategic Management
- Nutrition 5: Biochemistry in Health and Disease
- Research Skills
- Training in HACCP and BRC Principles

- Food Innovation and New Product Development
- International Food Policy
- Nutrition 6: Public Health Nutrition

## WORK PLACEMENT

In Year Three of the course, students have the possibility of participating in a structured 20-week placement nationally or internationally in a variety of food industries and food-related organisations. Students have undertaken work placements in organisations including the Irish Dairy Board (Ornua), Kerry Group, Glanbia, Lakeland Dairies, Green Isle and Boyne Valley to name just a few.

## STUDY ABROAD

It is possible to study abroad and secure placement within the EU as part of the Erasmus+ programme.

## CAREER PROSPECTS

Graduates of the course will have attained the knowledge and skills that will enable them to obtain employment in a variety of food and associated industries. Graduates will be equipped with the technical knowledge and skills required to work in a diverse range of careers such as: food production, new product development, quality control, marketing/sales, supervision and management, consultancy and research.

## FURTHER STUDY

St Angela's College, Sligo and NUI Galway also affords the opportunity to pursue further studies at postgraduate, master's and PhD levels. [www.stangelas.nuigalway.ie/programmes\\_nuigalway.ie/courses/taught-postgraduatecourses/#ColMed](http://www.stangelas.nuigalway.ie/programmes_nuigalway.ie/courses/taught-postgraduatecourses/#ColMed)

## YOU MIGHT ALSO LIKE

- AS001 Bachelor of Arts (Education, Home Economics and Biology)/Professional Masters in Education (with Home Economics)
- GY301 Bachelor of Science
- GY201 Bachelor of Commerce

## FIND OUT MORE

Niamh Finnegan  
Home Economics Department

**t.** +353 71 9135650

**e.** [nfinnegan@stangelas.nuigalway.ie](mailto:nfinnegan@stangelas.nuigalway.ie)

**w.** [www.stangelas.nuigalway.ie/nutritionfoodbusiness](http://www.stangelas.nuigalway.ie/nutritionfoodbusiness)

AS001

# Bachelor of Arts (Education, Home Economics and Biology)/Professional Masters in Education (with Home Economics)

LOCATION: SLIGO

## WHY CHOOSE THIS COURSE?

- ▶ The five-year course is the only initial teacher-education programme in Home Economics in Ireland and fully equips graduates to teach Home Economics plus a second subject at all levels in the post-primary sector
- ▶ After four years, students will be awarded a BA (Education, Home Economics and Biology), an NFQ Level 8 honours degree

## COURSE FACTS

**CAO Code:** AS001

**Course Level:** 9

**Duration:** 5 years

**Minimum Entry Points 2018:** 467

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), another language, and one other subject recognised for entry purposes.

**Additional Requirements:** Students must satisfy the Garda/police vetting requirements.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 16

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Understanding Education
- General Pedagogics 1
- Subject-Specific Pedagogics 1
- School Placement 1
- Food Studies
- Introduction to Textiles and Design
- Family Resource Management
- Chemistry I
- Botany
- Animal Diversity
- Human Anatomy and Physiology I

### YEAR TWO

- Understanding Education
- Pedagogics for Practice 2
- School Placement 2
- Food Studies: Food Science and Nutrition

- Family Resource Management
- Physics I
- Chemistry II
- Human Anatomy and Physiology II
- Physics II

### YEAR THREE

- Understanding Education
- Pedagogics for Practice 3
- School Placement 3
- Food Microbiology
- Nutritional and Sensory Science
- Textiles, Fashion and Design
- Family Resource Management: Resource Management and Consumer Empowerment
- Ecology and Ecosystems
- Biochemistry I
- Microbiology: Food and Water
- Molecular Biology: Nucleic Acids

### YEAR FOUR

- Understanding Education
- Pedagogics for Practice 4
- School Placement 4
- Food Quality, Nutrition and Health
- Family Resource Management
- Home Economics Practice in Everyday Living
- Choose from one of the following:
  - Nutritional Food Product Development
  - Social, Personal and Health Education
  - Textiles, Fashion and Design
  - Interior Design
- Biochemistry II: Metabolism
- Molecular Cell Biology
- Biochemistry III: Biochemical Basis of Disease
- Environmental Biology

### YEAR FIVE

- Sociological Perspectives in Education
- Dissertation Research Methods in Education
- Professional Preparation and Development: Home Economics
- Professional Preparation and Development: Biology
- School Placement in Home Economics and Biology
- Professional Inquiry in Home Economics and Home Economics Education
- Dissertation

Note: Modules in each year of the programme are subject to change.

## STUDY ABROAD

In order to qualify to teach, students must progress into Year Five which carries the award Professional Masters in Education (PME) (with Home Economics) at NFQ Level 9. Upon graduation, students will meet all the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in Home Economics and their second subject (Biology/Religious Education/Irish). Students do not have to compete for a place in the fifth stage. However, students must reach the required standard of H2.2 after Stage 4 before they can progress into Stage 5.

## WORK PLACEMENT

School placement and microteaching are integral components of the programme. Students complete their teaching practice in a variety of schools and educational settings. Approximately 25 weeks of school placement will take place over the five years.

## CAREER OPPORTUNITIES

Graduates of this programme are qualified to teach Junior Certificate Home Economics, and Science and Leaving Certificate Home Economics and Biology at higher level. Graduates are provided with a professional and academic qualification which enables them to also pursue careers in a wide range of fields including education, home economics and applied science.

## FIND OUT MORE

Secretary to the President  
St. Angela's College

**t.** +353 71 9195500

**e.** [admin@stangelas.nuigalway.ie](mailto:admin@stangelas.nuigalway.ie)

**w.** [www.stangelas.nuigalway.ie](http://www.stangelas.nuigalway.ie)

AS002

# Bachelor of Arts (Education, Home Economics and Religious Education)/Professional Masters in Education (with Home Economics)

LOCATION: SLIGO

## COURSE FACTS

**CAO Code:** AS002

**Course Level:** 9

**Duration:** 5 years

**Minimum Entry Points 2018:** 440\*

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, Home Economics or a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), another language, and one other subject recognised for entry purposes.

**Additional Requirements:** Students must satisfy the Garda/police vetting requirements.

**A-Level/GCSE Entry Requirements:** See page 168 for matriculation entry requirements.

**Average Intake:** 22

## YOUR COURSE YEAR BY YEAR

### YEAR ONE (NFQ LEVEL 8)

- Understanding Education
- General Pedagogics 1
- Subject-Specific Pedagogics 1
- School Placement 1
- Food Studies
- Introduction to Textiles and Design
- Family Resource Management
- Chemistry I
- The Search for Meaning and the Question of God
- Introduction to Religious Education
- Biblical Studies

### YEAR TWO (NFQ LEVEL 8)

- Understanding Education
- Pedagogics for Practice 2
- School Placement 2
- Food Studies: Food Science and Nutrition

- Family Resource Management
- Christianity: Historical and Contemporary Perspectives
- Religions and the World
- Foundational Ethics

### YEAR THREE (NFQ LEVEL 8)

- Understanding Education
- Pedagogics for Practice 3
- School Placement 3
- Food Microbiology, Processing and Preservation
- Nutritional and Sensory Science
- Textiles, Fashion and Design
- Family Resource Management: Resource Management and Consumer Empowerment
- Ritual and Sacrament
- Contemporary Christological Perspectives
- Ethical and Moral Issues
- Critical Questions in Religious Education

### YEAR FOUR (NFQ LEVEL 8)

- Understanding Education
- Pedagogics for Practice 4
- School Placement 4
- Food Quality, Nutrition and Health
- Nutritional and Sensory Sciences
- Family Resource Management: Family and Society
- Choose from one of the following:
  - Nutritional Food Product Development
  - Social, Personal and Health Education
  - Textiles, Fashion and Design
  - Interior Design
- Philosophies of Secular Belief
- Critical Debates in Contemporary Systematic Theology and Biblical Studies
- Creation and Eschatology or Philosophical and Theological Anthropology or Religion and Culture in Ireland

### YEAR FIVE (NFQ LEVEL 9)

- Sociological perspectives in Education
- Research Methods in Education
- Professional Preparation and Development: Home Economics
- Professional Preparation and Development: Religious Education
- School Placement
- Professional Inquiry in Home Economics and Home Economics Education
- Dissertation

Note: Modules in each year of the programme are subject to change.

## WHY CHOOSE THIS COURSE?

- ▶ The five-year course is the only initial teacher-education programme in Home Economics in Ireland and fully equips graduates to teach Home Economics plus a second subject at all levels in the post-primary sector
- ▶ After four years, students will be awarded a BA (Education, Home Economics and Religious Education), an NFQ Level 8 honours degree

## TEACHING COUNCIL ACCREDITATION

In order to qualify to teach, students must progress into Year 5 which carries the award Professional Masters in Education (PME) (with Home Economics) at NFQ Level 9. Upon graduation students will meet all the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in Home Economics and their second subject (Biology/Religious Education/Irish). Students do not have to compete for a place in the fifth stage. However, students must reach the required standard of H2.2 after Stage 4 before they can progress into Stage 5.

## WORK PLACEMENT

School placement and microteaching are integral components of the programme. Students complete their teaching practice in a variety of schools and educational settings. Approximately 25 weeks of school placement will take place over the 5 years.

## CAREER OPPORTUNITIES

Graduates of this programme are qualified to teach both Home Economics and Religion to Junior Certificate and Leaving Certificate at second level. Graduates are provided with a professional and academic qualification that enables them to also pursue careers in a wide range of fields including; education, home economics and religious education.

## FIND OUT MORE

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AS003

# Bachelor of Arts (Education, Home Economics and Irish)/Professional Masters in Education (with Home Economics)

LOCATION: SLIGO

## COURSE FACTS

**CAO Code:** AS003

**Course Level:** 9

**Duration:** 5 years

**Minimum Entry points 2018:** 419

**Minimum a-level grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish (minimum H5), English, Mathematics, Home Economics or a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), another language, and one other subject recognised for entry purposes.

**Additional requirements:** Students must satisfy the Garda/ police vetting requirements.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average intake:** 22

## YOUR COURSE YEAR BY YEAR

### YEAR ONE (NFQ LEVEL 8)

- Understanding Education
- General Pedagogics 1
- Subject-Specific Pedagogics for Practice 1
- School Placement 1
- Food Studies
- Introduction to Textiles and Design
- Family Resource Management
- Chemistry I
- Litríocht agus Cultúr a hAon
- Teanga na Gaeilge

### YEAR TWO (NFQ LEVEL 8)

- Understanding Education
- Pedagogics for Practice 2
- School Placement 2
- Food Studies: Food Science and Nutrition
- Family Resource Management:
- Physics I

- Litríocht agus Cultúr a Dó
- An Ghaeilge Bheo—An Traidisiún Béil
- Teanga na Gaeilge

### YEAR THREE (NFQ LEVEL 8)

- Understanding Education
- Pedagogics for Practice 3
- School Placement 3
- Food Microbiology, Processing and Preservation
- Nutritional and Sensory Science
- Textiles, Fashion and Design
- Family Resource Management: Resource Management and Consumer Empowerment
- Litríocht agus Cultúr a Trí
- An Ghaeilge Bheo—Pobal na Gaeilge
- Teanga na Gaeilge
- Mionstaidéar ar Shaothair Liteartha Roghnaithe

### YEAR FOUR (NFQ LEVEL 8)

- Understanding Education
- Pedagogics for Practice 4
- School Placement 4
- Food Quality, Nutrition and Health
- Nutritional and Sensory Sciences
- Family Resource Management: Family and Society
- Choose from one of the following:
  - Nutritional Food Product Development
  - Social, Personal and Health Education
  - Textiles, Fashion and Design
  - Interior Design
- Na Meáin Chumarsáide agus Scannánaíocht na Gaeilge
- Litríocht do Dhaoine Óga agus Litríocht na hImlirce
- Teanga na Gaeilge
- An tÚrscéal sa Ghaeilge

### YEAR FIVE (NFQ LEVEL 9)

- Sociological Perspectives in Education
- Research Methods in Education
- Professional Preparation and Development: Home Economics
- Professional Preparation and Development: Gaeilge
- School Placement
- Professional Inquiry in Home Economics and Home Economics Education
- Dissertation

Note: Modules in each year of the programme are subject to change.

## WHY CHOOSE THIS COURSE?

- ▶ The five-year course is the only initial teacher-education programme in Home Economics in Ireland and fully equips graduates to teach Home Economics plus a second subject at all levels in the post-primary sector
- ▶ After four years, students will be awarded a BA (Education, Home Economics and Religious Education), an NFQ Level 8 honours degree

## TEACHING COUNCIL ACCREDITATION

In order to qualify to teach, students must progress into Year Five which carries the award Professional Masters in Education (PME) (with Home Economics) at NFQ Level 9. Upon graduation students will meet all the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in Home Economics and their second subject (Biology/Religious Education/Irish/). Students do not have to compete for a place in the fifth stage. However, students must reach the required standard of H2.2 after Stage 4 before they can progress into Stage 5.

## WORK PLACEMENT

School placement and microteaching are integral components of the programme. Students complete their teaching practice in a variety of schools and educational settings. Approximately 25 weeks of school placement will take place over the 5 years.

## CAREER OPPORTUNITIES

Graduates of this programme are qualified to teach both Home Economics and Irish to Junior Certificate and Leaving Certificate at second level. Graduates are provided with a professional and academic qualification that enables them to also pursue careers in a wide range of fields including; education, home economics and Irish.

## FIND OUT MORE

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## Graduate Insight

"I chose an Arts degree as it gave me the opportunity to study two disciplines, Psychology and English, and provided me with a flexible academic foundation. Since graduating from NUI Galway, I have completed a Masters in Speech and Language Therapy. My background in Psychology and English were excellent foundations to have and both disciplines remain very relevant to my career today.

I also founded my own Fashion, Lifestyle and Travel Blog, [nualagorham.com](http://nualagorham.com). I am currently working as a Speech and Language Therapist and I continue to work on a self-employment basis through my blog. I credit my undergraduate degree in Arts at NUI Galway as a fundamental stepping stone to my current multi-faceted career. "

**Nuala Gorham**

Arts Graduate (GY101)









# Acadamh na hOllscolaíochta Gaeilge

Leagan Acadamh na hOllscolaíochta Gaeilge OÉ Gaillimh, an-bhéim ar shaineolas praiticbhunaithe chomh maith le bunús maith teoiriciúil sna cúrsaí seo rud a chinntíonn go bhfuil céimithe ardoilte don mhargadh fostaíochta. Tá na scileanna a fhoghlaimíonn na mic léinn inaistrithe, ach tá sé ríshoiléir gur buntaiste breise dóibh an líofacht sa Ghaeilge agus iad ag lorg poist.

Acadamh na hOllscolaíochta Gaeilge, NUI Galway, offers hands-on learning underpinned by a solid theoretical foundation to prepare graduates for the competitive employment market. The skills learned by our students are completely transferable, but it is very clear to our successful graduates that fluency in the Irish language gives them a considerable advantage in today's highly competitive market place.

**Daniel Burke**  
Léann an Aistriúcháin

# Cúrsaí Gaeilge do Mhic Léinn

## Irish Language Courses for Students

### CÚRSAÍ GAEILGE DO MHC LÉINN

Cuireann Acadamh na hOllscolaíochta Gaeilge na cúrsaí seo a leanas ar fáil do mhic léinn ar mian leo Gaeilge a fhoghlaim nó feabhas a chur ar a gcuid Gaeilge, le linn dóibh a bheith ag freastal ar an Ollscoil.

### AN DIOPLÓMA SA GHAELIGE (LEIBHÉIL A2, B1, B2, C1)

Is clár páirtaimseartha dhá bhliain é an cúrsa seo ar féidir le mic léinn é a dhéanamh i dteannta an ghnáthchúrsa céime nó iarchéime atá á dhéanamh acu. Cuirtear an clár ar fáil ag ceithre leibhéal inniúlachta sa Ghaeilge, ó thosaitheoirí go cainteoirí líofa.

### AN DIOPLÓMA SA GHAELIGE, C1 (DLÍ)

Is clár páirtaimseartha dhá bhliain é seo do mhic léinn atá ag déanamh staidéir ar an Dlí. Is féidir le mic léinn an clár seo a dhéanamh i dteannta an ghnáthchláir céime/iarchéime atá á dhéanamh acu. Le tuilleadh eolais a fháil faoi na Dioplómaí seo, téigh i dteagmháil le hOifig an Dioplóma in Áras na Gaeilge.

**t.** +353 91 495 248

**r.** andiomasaghaeilge@oegaillimh.ie

### CÚRSAÍ GAEILGE DO MHC LÉINN IDIRNÁISIÚNTA

Reáchtáiltear cúrsaí speisialta bonnleibhéal do mhic léinn idirnáisiúnta ar mian leo roinnt eolais a fháil maidir leis an nGaeilge agus cultúr na hÉireann. Tá an Dioplóma sa Ghaeilge (Leibhéal A2) ar fáil do na mic léinn seo chomh maith.

**t.** +353 91 493 616

**r.** peigi.nioibicin@oegaillimh.ie

### CÚRSAÍ SA GHAELTACHT

Cuireann an tAcadamh cúrsaí ar fáil sa Ghaeltacht do mhic léinn ar spéis leo feabhas a chur ar a gcuid Gaeilge agus blaiseadh a fháil de shaol na Gaeltachta. Le tuilleadh eolais a fháil faoi na cúrsaí sin, téigh i dteagmháil le Caitriona Leather in Áras na Gaeilge.

**t.** +353 91 495248

**r.** andiomasaghaeilge@oegaillimh.ie

Tugtar lascaine mhór do mhic léinn chláraithe de chuid OÉ Gaillimh i leith tháilí na gcúrsaí teanga seo.

### IRISH LANGUAGE COURSES FOR STUDENTS

As part of the university's aim of promoting the Irish language, Acadamh na hOllscolaíochta Gaeilge provides the following programmes for undergraduate and postgraduate students who wish to learn Irish or to improve their ability in the language while at university.

### AN DIOPLÓMA SA GHAELIGE (LEVELS A2, B1, B2, C1)

This is a two-year, part-time programme that can be undertaken by students in addition to their degree or postgraduate course. The programme is offered at four different levels of competence in Irish, from beginner to fluent.

### AN DIOPLÓMA SA GHAELIGE, C1 (LAW)

This is a two-year, part-time programme provided for university students studying Law. Students may undertake this programme in addition to their degree/postgraduate programme. For further information on these diploma courses, contact Oifig an Dioplóma in Áras na Gaeilge.

**t.** +353 91 495 248

**e.** andiomasaghaeilge@oegaillimh.ie

### IRISH LANGUAGE COURSES FOR INTERNATIONAL STUDENTS

Special foundation-level courses are provided for international students who wish to gain some knowledge of the Irish language and culture. The Diploma in Irish (Level A2) is also suitable for such students.

**t.** +353 91 493 616

**e.** peigi.nioibicin@oegaillimh.ie

### COURSES IN THE GAELTACHT

An tAcadamh organises courses in its Gaeltacht centres for students who wish to improve their Irish and gain experience of life in the Gaeltacht. For further information on these courses, contact Caitriona Leather in Áras na Gaeilge.

**t.** +353 91 495248

**e.** andiomasaghaeilge@oegaillimh.ie

Registered students in NUI Galway receive a substantial discount on fees for these language courses.

GY122

# BA (Cumarsáid agus Gaeilge)

## CÉN FÁTH A ROGHNÓFÁ AN CÚRSA SEO?

- ▶ Clár léinn beoga sna meáin chumarsáide agus sa Ghaeilge is ea an BA (Cumarsáid & Gaeilge). Tá meascán tomhaiste ann den staidéar acadúil agus den oiliúint phraiticiúil san iriseoireacht, sa léiriú físe agus raidió, sa chraoltóireacht agus sna hilmheáin, chomh maith le staidéar ar theanga agus ar litríocht na Gaeilge
- ▶ Ceann de phríomhaidhmeanna an chlár théagartha seo is ea forbairt a dhéanamh ar na scileanna críiciúla agus anailíseacha a theastaíonn chun bheith i do 'chleachtóir machnamhach' sna meáin
- ▶ Tugann an cúrsa seo deis iontach do mhic léinn taithí oibre den chéad scoth a fháil i réimse na meán in Éirinn

## SONRAÍ AN CHÚRSA

**Cód CAO:** GY122

**Léibhéal an Chúrsa:** 8

**Fad:** 4 bliana

**Íospointí Iontrála 2018:** 301

**Íosghráid A-Leibhéal:**

**Féach** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Riachtanais Iontrála

**Ardteistiméireachta:** Íosghrád H5 sa Ghaeilge agus in ábhar eile, agus pas i gceithre ábhar eile ag leibhéal O6/H7 san Ardteistiméireacht, ar a n-áirítear Béarla, teanga eile agus trí ábhar eile atá aitheanta i gcomhair iontrála.

### Riachtanais Iontrála A-Leibhéil/

**GCSE:** Féach ar leathanach 168 le haghaidh eolas faoi riachtanais iontrála an mháithreánaigh.

**Líon na Mac Léinn:** 25



## LEAGAN AMACH AN CHÚRSA

### BLIAIN A HAON

- Scéalaíocht Dhigiteach
- Machnamh Criticiúil agus Láithreoireacht
- Litríocht agus Cultúr na Gaeilge
- Bunús na hIriseoireachta
- Na Meáin agus an tSochaí
- Teanga na Cumarsáide

### BLIAIN A DÓ

- Dearadh Físe
- Teicneolaíochtaí na Meán
- Anailís na Meán
- Litríocht na Gaeilge 1200–1900
- An Nualitricht
- Craoltóireacht
- Scriptscriobh
- An Gné-Alt
- Teanga agus Pobal
- Teanga na Cumarsáide

### BLIAIN A TRÍ

- Seimeastar Gaeltachta: An Tionscadal Cumarsáide Gaeltachta, An Ghaeilge don Scáileán, Inniúlachtaí Gairme, Teanga na Cumarsáide.
- Dara Seimeastar: Intéirneacht i gcomhlacht meán nó caidrimh phoiblí, nó tréimhse thar lear.

### BLIAIN A CEATHAIR

- Díl Eiticí agus an Córas Poiblí
- Lucht Féachana na Meán
- Nuatheicneolaíocht Fheidhmeach
- Litríocht na Gaeilge
- Teanga agus Pobal
- Iriseoireacht Fheidhmeach
- Geilleagar na Meán
- Litríocht na Gaeilge 1200–1900
- Teanga na Cumarsáide
- Tionscadal Deiridh Céime

## SOCRÚCHÁN OIBRE I MBLIAIN A TRÍ

I rith an chéad seimeastair de Bhliain a Trí, beidh tú lonnaithe ar champas Gaeltachta OÉ Gaillimh ar an gCeathrú Rua i gConamara. Sa dara seimeastar beidh deis agat taithí luachmhar a fháil mar intéirneach le comhlacht meán nó caidrimh phoiblí, nó tabhairt faoi thréimhse thar lear. Bíonn intéirneacht d'ardchaighdeán ar fáil le TG4, RTÉ, RTÉ Raidió na Gaeltachta, na stáisiúin raidió áitiúla, comhlachtaí léiriúcháin teilifíse, comhlachtaí caidrimh phoiblí nó eagrais eile a bhíonn ag obair leis na meáin.

## NAISC IDIRNÁISIÚNTA

Más maith leat na deiseanna a bhaineann le socrúchán oibre thar sáile a fhiosrú, nó clár Erasmus a leanúint, cuirfear gach comhairle ort.

## DEISEANNA GAIRME

Agus do chéim bainte amach agat beidh tú oile sa léiriú físe agus raidió, sa chraoltóireacht, san iriseoireacht chlóite agus ar-líne, sna hilmheáin agus i dteicneolaíochtaí digiteacha éagsúla. Freisin tugann sé deis cáilíocht mhúinteoireachta sa Ghaeilge a bhaint amach i ndiaidh na céime trí staidéar iarchéime a dhéanamh. Is bunús láidir é céim sna meáin agus sa Ghaeilge i ngairmeacha eile freisin: sa pholaitíocht, sa ghnó, sa bhainistíocht, san earnáil neamhbhrabúis (eagraíochtaí neamhrialtasacha agus carthanachta), agus san earnáil phoiblí.

## TUILLEADH STAIDÉAR

Páirtnéireacht nuálach le RTÉ is ea an MA (Cleachtas Gairmiúil sna Meáin) faoina mbíonn deis eisceachtúil ag mic léinn tabhairt faoin staidéar acadúil ar líne agus taithí oibre luachmhar a fháil san iriseoireacht, sa chraoltóireacht agus i gcruthú ábhair in aonaid Ghaeilge RTÉ.

## B'FHÉIDIR GUR MHAITH LEAT

- GY107 BA(Gaeilge agus Léann an Aistriúcháin)
- GY208 Bachelor of Commerce (Gaeilge)
- GY101 BA (Joint-Honours)

## TUILLEADH EOLAIS

Acadamh na hOllscolaíochta Gaeilge

**t.** +353 87 9754125

**r.** [cumarsaid@oegaillimh.ie](mailto:cumarsaid@oegaillimh.ie)

**g.** [nuigalway.ie/GY122](http://nuigalway.ie/GY122)

GY122

# BA (Cumarsáid agus Gaeilge)

## WHY CHOOSE THIS COURSE?

- ▶ This course provides hands-on learning in journalism, screen and radio production, broadcasting, and multimedia, together with a thorough grounding in Irish language and literature, Gaeltacht heritage and culture
- ▶ A key aim of this robust programme is to develop the critical and analytical skills needed to become a 'reflective practitioner' in the media
- ▶ This course provides students with an unrivalled opportunity to gain valuable work experience in the Irish media

## COURSE FACTS

**CAO Code:** GY122

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 301

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in Irish and Grade H5 in another subject and passes in four other subjects at 06/H7 level in the Leaving Certificate, including English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 25



## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Digital Storytelling
- Critical Thinking and Presentation
- Irish Language Literature and Culture
- Foundations of Journalism
- Media and Society
- The Language of Communications

### YEAR TWO

- Video Design
- Media Technologies
- Media Analysis
- Irish Language Literature 1200–1900
- Modern Literature
- Broadcasting
- Scriptwriting
- The Features Article
- Language and Community
- The Language of Communications

### YEAR THREE

- Gaeltacht Semester: Gaeltacht Media Project, Irish for the Screen, Career Competencies, The Language of Communications.
- Second Semester: Internship in a media or public relations organisation, or study abroad

### YEAR FOUR

- Law, Ethics and the Public Service
- Media Audience
- Applied New Technology
- Irish Language Literature
- Language and Community
- Applied Journalism
- The Economy of the Media
- Irish Language Literature 1200–1900
- The Language of Communications
- Final-Year Project

## WORK PLACEMENT

During the first semester of third year, you will be based at the University's Gaeltacht campus in An Cheathrú Rua at the heart of the Connemara Gaeltacht. During the second semester you will either work as an intern in a media or public relations organisation, or study abroad. If you choose the work experience option you will gain invaluable industry experience in high-quality internships in TG4, RTÉ, RTÉ Raidió na Gaeltachta, local radio stations, television production companies, public relations firms and other organisations working with the media.

## STUDY ABROAD

You may also wish to consider a work placement or Erasmus programme in another country. If you wish to explore this option, we will be happy to give you every advice and assistance.

## CAREER OPPORTUNITIES

When you graduate you will be a skilled communicator with experience in screen and radio production, broadcasting and journalism. You will also have a recognised qualification in Irish and will be able to teach Irish at second-level once you obtain a postgraduate qualification in teaching. A degree in media and Irish is also a strong foundation for a career in politics, business, management, the non-profit sector, and the public service.

## FURTHER STUDY

The MA (Cleachtas Gairmiúil sna Meáin) is built on an innovative partnership with RTÉ and offers a unique combination of online academic study and on-the-job work experience in journalism, broadcasting and content creation in RTÉ's Irish-language units.

## YOU MIGHT ALSO LIKE

- GY107 BA (Gaeilge agus Léann an Aistriúcháin)
- GY208 Bachelor of Commerce (Gaeilge)
- GY101 BA (Joint-Honours)

## FIND OUT MORE

Acadamh na hOllscolaíochta Gaeilge

**t.** +353 87 9754125

**e.** [cumarsaid@oegaillimh.ie](mailto:cumarsaid@oegaillimh.ie)

**w.** [nuigalway.ie/GY122](http://nuigalway.ie/GY122)

GY107

# BA (Gaeilge agus Léann an Aistriúcháin)

## CÉN FÁTH A ROGHNÓFÁ AN CÚRSA SEO?

- ▶ Tugtar deis duit sa chlár seo staidéar a dhéanamh ar dhá ábhar a bhfuil gaol nádúrtha acu lena chéile—Gaeilge agus Léann an Aistriúcháin—in aon chéim ollscoile amháin trí Ghaeilge
- ▶ Níl Léann an Aistriúcháin le fáil mar ábhar iomlán bunchéime in aon ollscoil eile in Éirinn ach amháin in Ollscoil na hÉireann, Gaillimh
- ▶ Mar gheall ar an stádas atá ag an nGaeilge anois mar theanga oifigiúil san Aontas Eorpach agus na dualgais atá ar eagraíochtaí stáit in Éirinn faoi Acht na dTeangacha Oifigiúla, beidh an-tábhacht feasta le scileanna maithe teanga agus aistriúcháin

## SONRAÍ AN CHÚRSA

**Cód CAO:** GY107

**Leibhéal an Chúrsa:** 8

**Fad:** 4 bliana

**Íospointí Iontrála 2018:** 308

**Íosghráid A-Leibhéal:**

**Féach** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Riachtanais Iontrála

**Ardteistiméireacht:** Íosghrád H3 sa Ghaeilge agus Grád H5 in ábhar eile, agus pas i gceithre ábhar ag leibhéal O6/H7 san Ardeistiméireacht, ar a n-áirítear Béarla, teanga eile agus ceithre ábhar atá aitheanta i gcomhair iontrála.

### Riachtanais Iontrála A-Leibhéil/

**GCSE:** Féach ar leathanach 168 chun eolas a fháil faoi riachtanais iontrála an mháithreánaigh.

**Líon na Mac Léinn:** 15

## LEAGAN AMACH AN CHÚRSA

### BLIAIN A HAON

- Gnéithe den Aistriúchán
- Ceartúsáid na Gaeilge
- Litríocht Chomhaimseartha na Gaeilge
- Buncleanna Gramadaí
- Buncleanna Aistriúcháin
- Saíocht agus Sochaí na Gaeilge

### BLIAIN A DÓ

- Aistriúchán Feidhmeach Téacsanna I
- Gramadach agus Litriú na Gaeilge I
- Teanga na Nua-Ghaeilge I
- An Nualitriocht I
- Litríocht na Gaeilge 1200–1900 I
- Aistriúchán Feidhmeach Téacsanna II
- Stair an Aistriúcháin in Éirinn
- Cruinneas agus Saibhriú Teanga
- Téarmeolaíocht
- Teanga na Nua-Ghaeilge II
- Teanga agus Pobal I

### BLIAIN A TRÍ

- Socrúchán Oibre

### BLIAIN A CEATHAIR

- Aistriúchán Feidhmeach Téacsanna III
- Gramadach agus Litriú na Gaeilge II
- Gnó an Aistriúcháin / Fotheidealú
- Teanga na Nua-Ghaeilge III
- Litríocht na Gaeilge I
- Litríocht na Gaeilge 1200–1900 II
- Eagarthóireacht agus Léamh Profaí
- Tionscadal Aistriúcháin
- Teanga na Nua-Ghaeilge IV
- Litríocht na Gaeilge II
- Teanga agus Pobal II

## SOCRÚCHÁN OIBRE

I mBliain a Trí den chlár seo téann na mic léinn ar shocrúchán oibre. Caitheann siad an tréimhse ó Mheán Fómhair go hAibreán ag obair le heagraíocht atá ag feidhmiú trí Ghaeilge, eagraíocht atá ag plé le cur chun cinn na teanga nó le comhlacht aistriúcháin. Is iondúil gur i gceantar na Gaillimhe a bhíonn an socrúchán oibre ar siúl ach is féidir é a shocrú in áiteanna eile sa tír má oireann sé sin don mhac léinn.

## DEISEANNA GAIRME

Tabharfaidh an chéim seo seans do mhic léinn fostaíocht a bhaint amach in earnáil an aistriúcháin agus in eagraíochtaí a fheidhmíonn trí Ghaeilge nó eagraíochtaí a bhfuil dualgais orthu an Ghaeilge a úsáid ar nós: Comhairle Cathrach na Gaillimhe; RTÉ agus Comhairle an Aontais Eorpaigh.



“Bíonn tú timpeallaithe go hiomlán ag an teanga ar an gcúrsa seo agus is iontach an spreagadh é.

Tháinig an-fheabhas go deo ar mo chuid scileanna teanga mar gheall ar an mbliain atá díreach críochnaithe agam ar thaithí oibre le comhlacht aistriúcháin!”

Aoife Ní Chonghaile – BA (Gaeilge agus Léann an Aistriúcháin)



## BREISOIDEACHAS

I ndiaidh an BA, tugann roinnt mhaith dár mic léinn faoin MA sa Léann Teanga. Ar an gcúrsa máistreachta sin is féidir a lán scileanna breise a thabhairt leat anuas ar an méid a bheidh foghlamtha agat ar an BA. Múintear cúrsaí ag leibhéal máistreachta freisin sa Nua-Ghaeilge agus san Ateangaireacht Chomhdhála.

## B'FHÉIDIR GUR MHAITH LEAT

- GY122 BA (Cumarsáid agus Gaeilge)
- GY208 Baitsiléir Tráchtála (Gaeilge)
- GY101 BA (Comh-Onóracha)

## TUILLEADH EOLAIS

Acadamh na hOllscolaíochta Gaeilge

**t.** +353 91 492 734

**r.** [aistriu@oegaillimh.ie](mailto:aistriu@oegaillimh.ie)

**g.** [nuigalway.ie/GY107](http://nuigalway.ie/GY107)

GY107

# BA (Gaeilge agus Léann an Aistriúcháin)

## WHY CHOOSE THIS COURSE?

- ▶ This course offers you the opportunity to study two closely related subjects—Gaeilge (Irish) and Léann an Aistriúcháin (Translation Studies)—in one university degree through the medium of Irish
- ▶ NUI Galway is the only Irish university offering Léann an Aistriúcháin/ Translation Studies as a full primary degree subject
- ▶ The Irish language is an official language of the European Union and the language requirements placed on public sector bodies under the Official Languages Act. Achieving a recognised qualification and acquiring translation skills is more important than ever

## COURSE FACTS

**CAO Code:** GY107

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 308

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H3 in Irish and Grade H5 in another subject and passes in four other subjects at O6/H7 level in the Leaving Certificate, including English and another language and four other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 15

## YEAR TWO

- Applied Translation I
- Irish Language Grammar and Spelling I
- Modern Irish Language I
- Modern Literature I
- Irish Language Literature 1200–1900 I
- Applied Translation II
- The History of Translation in Ireland
- Linguistic Precision and Enrichment
- Terminology
- Modern Irish Language II
- Modern Literature II
- Language and the Community I

## YEAR THREE

- Work Placement

## YEAR FOUR

- Applied Translation III
- Irish Language Grammar and Spelling II
- Business Aspects of Translation/Subtitling
- Modern Irish Language III
- Irish Language Literature I
- Irish Literature 1200–1900 II
- Terminology
- Editing and Proofreading
- Translation Project
- Modern Irish Language IV
- Irish Language Literature II
- Language and the Community II

## WORK PLACEMENT

In third year, students spend the period from September to April working with an organisation operating through Irish or involved in the promotion of the language, or with a translation company. The work placements are usually in the Galway area, though they can also be arranged for other parts of the country if this is more suitable for the student.

## CAREER OPPORTUNITIES

With this degree students will have the opportunity to avail of employment opportunities in the translation industry and in organisations that function through Irish or have an Irish language requirement such as: RTÉ, Galway City Council and the Council of the European Union.

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Aspects of Translation
- Proper Irish Usage
- Contemporary Irish Language Literature
- Fundamental Grammar Skills
- Fundamental Translation Skills
- Irish Language Sapience and Society



"You're totally immersed in the Irish language on this course and it's very motivating. My language skills have improved enormously and benefited me while on work placement with a translation company!"

Aoife Ní Chonghaile, BA (Gaeilge agus Léann an Aistriúcháin)



## FURTHER STUDY

After the BA, many of our students undertake the MA sa Léann Teanga (MA in Language Studies). Students receive advanced tuition in translation, preparing for employment opportunities in the translation market. Courses at master's level are also available in Modern Irish and in Conference Interpreting.

## YOU MIGHT ALSO LIKE

- GY122 BA (Cumarsáid agus Gaeilge)
- GY208 Bachelor of Commerce (Gaeilge)
- GY101 BA (Joint-Honours)

## FIND OUT MORE

Acadamh na hOllscolaíochta Gaeilge

**t.** +353 91 492 734

**e.** [aistriu@oegaillimh.ie](mailto:aistriu@oegaillimh.ie)

**w.** [nuigalwa.ie/GY107](http://nuigalwa.ie/GY107)



## Graduate Insight

"Chabhraigh go raibh Gaeilge agam agus mé ag iarraidh post a fháil tar éis an chúrsa. I mo thuairim féin, ba é an tréimhse taithí oibre i rith na tríú bliana buaicphointe an chúrsa. Rinne mise mo chuid taithí oibre le RTÉ Raidió na Gaeltachta i mBaile Átha Cliath agus táim ansin ó shin. Anois táim ag obair le Radio One, 2FM agus RTÉ Junior chomh maith le Raidió na Gaeltachta i mBaile Átha Cliath agus bainim sult as a bheith ag obair leis na craoltóirí is fearr sa tír gach uile lá.

Having Irish helped me hugely to obtain a job within this field. I would have to say the time we spent on work experience was the most valuable aspect of the course. I was successful in receiving an internship with RTÉ Raidió na Gaeltachta in Dublin when I was 21 and I've been there ever since. Now I get to work with Radio One, 2FM, RTÉ Junior along with Raidió na Gaeltachta too. I thoroughly enjoy working alongside the country's top broadcaster's day in, day out."

### **Brónagh Ní Chuilinn**

Graduate Cumarsáid agus Gaeilge (GY122)





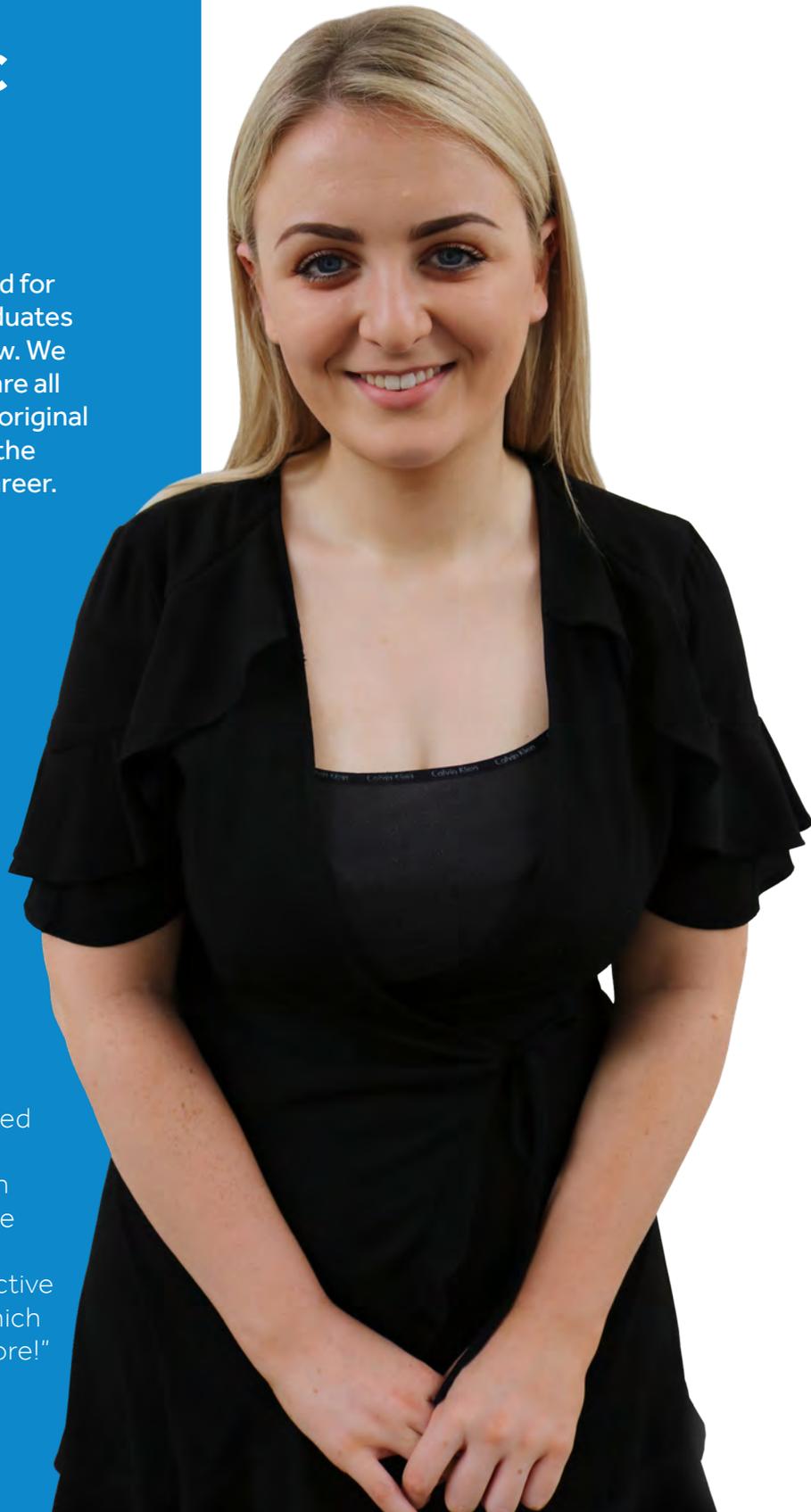
# College of Business, Public Policy and Law

NUI Galway has a long history of academic excellence and is internationally recognised for producing high-quality, market-ready graduates in all areas of business, public policy and law. We offer a wide range of programmes, which are all taught by staff who are at the forefront of original thinking and innovation, ensuring you get the best student experience for your future career.

"Studying Commerce at NUI Galway allowed me to explore eight different areas of business before eventually specialising in marketing in my final year, this may be the reason I liked it so much. I can proudly say it was three very productive years, which I thoroughly enjoyed and which left me with an insatiable appetite for more!"

**Lisa Hynes**

Bachelor of Commerce Graduate 2017



# Studying Commerce at NUI Galway



Our mission is to deliver a high-impact scholarly environment in which you become a well-rounded and employable business graduate. Led by our highly experienced faculty, we pursue an innovative teaching approach that incorporates face-to-face delivery, blended learning, professional mentoring, student placements and group-based project work. If you take the BComm or BComm (Global Experience) you will develop expertise in the following areas:

#### **Accounting and Performance Measurement:**

Depending on the modules chosen, exemptions are available to successful students in the professional accountancy bodies' exams.

#### **Economics and Public Policy:**

Students can apply their economic theory to modules as diverse as the economics of globalisation, money and finance and health economics.

#### **Human Resource Management:**

Focuses on the management of the human resource function in organisations, the nature of the employment relationship and the rights and obligations of the parties involved.

#### **Marketing Management:**

Provides an excellent foundation in a range of marketing topics including marketing communications, brand management, market research and digital marketing planning.

#### **Digital Business and Analytics:**

Focuses on the implementation, use and management of information systems within business.

#### **Finance:**

Focuses on a diverse range of contemporary topics in national and international finance including banking, taxation, investments and financial reporting.

#### **Business Law:**

This stream focuses on law in a business context. Students who successfully complete this stream are eligible to apply for the LLB.

#### **International Business:**

This stream focuses on managing people and diversity in culture and how to manage and lead in a global marketplace.

#### **Enterprise:**

Students who have a strong desire to be entrepreneurial may be interested in pursuing this specialisation. Here you will receive the knowledge and support to succeed and innovate as entrepreneurs in a global economy.



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
- Work in a Global Context
- Health Economics
- Operations Strategy
- Global Marketing
- Cross-Cultural Management
- International Economics
- Banking Law
- Economics of Financial Markets
- Media and Marketing Communications
- Enterprise Systems

GY201

# Bachelor of Commerce

100+ YEARS OF B COMM  
AT NUI GALWAY

## WHY CHOOSE THIS COURSE?

- ▶ This three-year degree course, with an option of a fourth year (see Global Experience below), is designed to equip you with the business acumen and skills to achieve career success
- ▶ It is a general, broad, business degree, but you also specialise in your final year, matching your preferred area of specialisation with your interests, skills and abilities (see description and course outline on page XXX)
- ▶ This programme offers a number of exciting opportunities for industry engagement, including mentoring from industry experts, which helps students develop the practical skills that make them work ready

## COURSE FACTS

**CAO Code:** GY201

**Course Level:** 8

**Duration:** 3 years (4-year option)

**Minimum Entry Points 2018:** 420

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 270

## INNOVATION, CREATIVITY AND ENTERPRISE (ICE) A PARTNERSHIP WITH BUSINESS TO DRIVE INNOVATION WITH STUDENTS

Final-year students 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 Ó 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. ICE Group Coachbook won the overall Enterprise Ireland Student Entrepreneur of the Year Award and has been named 'College Entrepreneur of the Year 2017'.

## STUDY ABROAD—GLOBAL EXPERIENCE YEAR

Students on the three-year Commerce course have the opportunity to add an international experience dimension to their degree at the end of second year, when they may apply on a competitive basis to transfer from the three-year BComm degree to the four-year BComm (Global Experience) degree. Successful applicants can spend at least one semester of their third year at an international university studying business through English, either in North America, China/Hong Kong, Australia or Europe (on Erasmus in, for example, the Netherlands, Sweden, France, Germany, Belgium, Denmark or the UK). Students also have an opportunity to work as an intern on work placement for one semester.

## CAREER OPPORTUNITIES

Commerce graduates are highly successful and sought after in all areas of business. Currently, BComm graduates are employed in high-profile companies such as Adidas, Bank of Ireland, Coca Cola, Davy, Deloitte, ESB, Facebook, Fyffes, Google, Kingspan, Mars, Mazars, Ryanair, Smyths Toys, Sony, Toyota, GSK and Unipharm.



## FURTHER STUDY

[nuigalway.ie/cairnes/courses](http://nuigalway.ie/cairnes/courses)

## YOU MIGHT ALSO LIKE

- GY202 Bachelor of Commerce (International with French)
- GY209 Bachelor of Commerce (Global Experience)
- GY250 Law and Business

## FIND OUT MORE

J.E. Cairnes School of Business and Economics

**t.** +353 91 492612

**e.** [business@nuigalway.ie](mailto:business@nuigalway.ie)

**w.** [nuigalway.ie/GY201](http://nuigalway.ie/GY201)

GY209

# Bachelor of Commerce (Global Experience)

## WHY CHOOSE THIS COURSE?

- ▶ Students on this course are guaranteed a work placement and/or study abroad opportunity in their third year
- ▶ NUI Galway is partnering with Deloitte on this course. As part of the partnership, Deloitte will provide funding over five years to support students while studying abroad
- ▶ In the final year, students specialise in one of the following areas: Accounting and Performance Measurement, Economics and Public Policy, Human Resource Management, Marketing Management, Digital Business and Analytics, Finance, Business Law, Enterprise or International Business

## COURSE FACTS

**CAO Code:** GY209

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 509

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 65

- 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
  - Entrepreneurial Venture Development
  - Business Law II
  - Doing Business in China—Chinese Language and Culture I

### YEAR THREE

- One semester studying abroad in North America, Australia, China/Hong Kong or Europe and one semester of work placement in Ireland, or
  - Full academic year of study abroad
- \*Note: For Commerce students there are limited places available, allocated on the basis of merit and student performance.

### YEAR FOUR

- Business Strategy
- Ireland in the Global Economy
- Ethics and Corporate Social Responsibility
- Innovation: Creativity and Enterprise
- Specialise in a business discipline/stream:
  - Accounting and Performance Measurement
  - Economics and Public Policy
  - Human Resource Management
  - Digital Business and Analytics
  - Marketing Management
  - Finance
  - Business Law
  - Entrepreneurship
  - International Business

## WORK PLACEMENT

Students have the opportunity to undertake a semester work placement in Year 3. It equips graduates to work internationally or work in multinational business environments with a well-regarded, internationally recognised degree.

Some of our work placement partners include: DHKN, Corrib Oil, Grant Thornton, KPMG, Accenture, Abbott, Wayfair, ESB Group, Medtronic, Shelbourne Hotel, Boston Scientific, Alkermes, PwC, Aviva, Aerogen, Zurich, Creganna to name but a few.

## STUDY ABROAD

In Year 3 students choose to spend either half the year on an international work placement programme and the other half studying abroad or the full year studying abroad.

Our study abroad partner universities are located in North America, Asia, Australia and Europe. For students abroad, tuition is through English and they can study both business and non-business modules.

## CAREER OPPORTUNITIES

Graduates find employment in many 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 research. The work placement and study abroad experience increases career opportunities, both at home and abroad.

## COURSE STRUCTURE BCOMM AND BCOMM (GLOBAL EXPERIENCE)

### 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
- Management and Enterprise
- Choice between a language (Spanish, German, or Gaeilge) or Skills for Success and Business Law I

### YEAR TWO

- Skills for Business
- Inferential Statistical Methods for Business
- Marketing Management
- Organisational Psychology
- Applied Microeconomics for Business
- Management Accounting I
- Business Finance I
- Employment Relations
- Macroeconomics and the Business Environment

## FURTHER STUDY

[nuigalway.ie/cairnes/courses](http://nuigalway.ie/cairnes/courses)

## YOU MIGHT ALSO LIKE

- GY201 Bachelor of Commerce
- GY204 Bachelor of Commerce (International with Spanish)
- GY207 Bachelor of Commerce (Accounting)

## FIND OUR MORE

J.E. Cairnes School of Business and Economics

**t.** +353 91 492612

**e.** [business@nuigalway.ie](mailto:business@nuigalway.ie)

**w.** [nuigalway.ie/GY209](http://nuigalway.ie/GY209)

GY202/GY203/GY204

# Bachelor of Commerce (International)

## WHY CHOOSE THIS COURSE?

- ▶ This exciting four-year course in Commerce with a modern language (French, German or Spanish), will allow you to develop your language skills and live abroad while gaining valuable insights into international business and culture
- ▶ It is the ideal international qualification for students who want to build an exciting career in another country or in an international firm, or who wish to significantly expand their career choices
- ▶ In third year, students spend a year abroad studying modules in languages and business at an approved university

## COURSE FACTS

### CAO Code:

French – GY202  
German – GY203  
Spanish – GY204

### Course Level: 8

### Duration: 4 years

### Minimum Entry Points 2018:

GY202 – 484  
GY203 – 477  
GY204 – 473

### Minimum A-Level Grades:

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes. In addition:

GY202 – H3 in French is required  
GY203 – H4 in German is required  
GY204 – H4 in a modern European language other than Irish or English

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

### Average Intake: 15

## YEAR TWO

- French/German/Spanish
- Inferential Statistical Methods for Business
- Marketing Management
- Applied Microeconomics for Business
- Management Accounting I
- Organisational Psychology
- Business Finance I or Employment Relations Environment or Business Law I
- Plus one optional module from the following:
  - Accounting
  - Economics
  - Management
  - Marketing
  - Statistics
  - Business Information Systems

## YEAR THREE

- Students follow modules in languages and business studies at a university in France, Germany/Austria, or Spain/Chile/Mexico.

## YEAR FOUR

- Ireland in the Global Economy
- Ethics and Corporate Social Responsibility
- Business Strategy
- Innovation: Creativity and Enterprise
- French/German/Spanish
- Plus the opportunity to choose modules from the following areas:
  - Accounting and Performance Measurement
  - Economics and Public Policy
  - Human Resource Management
  - Digital Business and Analytics
  - Marketing Management
  - Finance
  - Business Law
  - International Business
  - Entrepreneurship

## STUDY ABROAD

Students study modules in language and business at an international university during their third year: destinations depend on language choice. Study abroad destinations for French language students include Clermont-Ferrand, Marseille, Montpellier, Strasbourg, Toulouse and Troyes; German-speaking students can choose Bamberg, Bochum, Göttingen, Linz, Nurnberg, Steyr and Trier; while students of Spanish can opt for Bilbao, Granada, Leon, Mexico City, Salamanca, Santiago, Valencia and Valladolid.

## CAREER OPPORTUNITIES

Business and language graduates continue to be in very high demand among employers. Graduates of this course have found employment in EU institutions, accounting, management consultancy, marketing, human resource management, finance (including banking and insurance), and economic policy advisory services.



## YOUR COURSE YEAR BY YEAR

### 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
- Management and Enterprise
- French/German/Spanish

## FURTHER STUDY

[nuigalway.ie/cairnes/courses](http://nuigalway.ie/cairnes/courses)

## YOU MIGHT ALSO LIKE

- GY201 Bachelor of Commerce
- GY129 Bachelor of Arts (International)
- GY128 Bachelor of Arts (Global Languages)

## FIND OUT MORE

J.E. Cairnes School of Business and Economics

**t.** +353 91 492612

**e.** [business@nuigalway.ie](mailto:business@nuigalway.ie)

**w.** [nuigalway.ie/GY202](http://nuigalway.ie/GY202)

[nuigalway.ie/GY203](http://nuigalway.ie/GY203)

[nuigalway.ie/GY204](http://nuigalway.ie/GY204)

GY206

# Bachelor of Science (Business Information Systems)

## WHY CHOOSE THIS COURSE?

- ▶ This four-year degree course examines the use and management of technology in business environments
- ▶ The course is fully accredited by the European Foundation for Management Development (EFMD), meaning the degree meets the highest international standards for management education
- ▶ The majority of graduates will have an employment offer even before they graduate

## COURSE FACTS

**CAO Code:** GY206

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 430

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 40

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Introduction to Management Accounting
- Principles of Microeconomics
- Business Information Systems (BIS)
- Business Systems Analysis
- Information Systems Technology
- Business Application Development I
- Introduction to Financial Accounting
- Principles of Macroeconomics
- Cybersecurity
- Business Systems Design and Implementation
- Business Data Communications
- Business Application Development II

### YEAR TWO

- Quantitative Techniques for Business
- Management Accounting I
- Web and Interactive Media Design
- Database Technologies
- Advanced Application Development I
- Implementing Digital Innovation
- Business Finance I
- Enterprise Systems
- Information and Operations Management
- Advanced Application Development II

- Decision Modelling and Analytics
- Plus one of the following:
  - Marketing Principles
  - Skills for Business

### YEAR THREE

- Management
- Applied Systems Analysis
- E-Business Technologies
- Advanced Database Technologies
- Networks and Communications
- Professional Experience Programme
- Contemporary Project Management

### YEAR FOUR

- Business Intelligence and Analytics
- Information Systems Strategy and Planning
- International Business
- Work in a Global Context
- Advanced Research Topics in Information Systems (IS)
- User Experience Design
- Plus one of the following:
  - Applied Microeconomics for Business
  - Media and Marketing Communications
  - eMarketing
  - Operations Research
  - Contemporary Project Management
  - Lean Principles for the IS Professional
  - Doing Business in China—Language and 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 and Enterprise
  - Doing Business in China—Language and Culture I and II

## FURTHER STUDY

[nuigalway.ie/cairnes/courses](http://nuigalway.ie/cairnes/courses)

## YOU MIGHT ALSO LIKE

- GY207 Bachelor of Commerce (Accounting)
- GY124 BA (Arts with Data Science)
- GY350 BSc (Computer Science and Information Technology)

## WORK PLACEMENT

In third year, students are given the opportunity to apply their skills in a real business environment through a six to nine month work placement. Recent placements have included SAP, Dell, OnePageCRM and EY.

## STUDY ABROAD

In second year, students can avail of international study abroad opportunities in Europe, Asia, and North America.

## CAREER OPPORTUNITIES

There are excellent career opportunities for BIS graduates with many students receiving employment offers prior to graduation. Graduates are currently employed in companies such as Google, Accenture, Dell, Deloitte, Microsoft, SAP, Intel, Cisco and Storm. Your degree will have a particular relevance for start-up enterprises, telecommunications, software companies, management consultancy and business and financial industries. The majority of graduates secure employment prior to completing their degree.

## FIND OUT MORE

J.E. Cairnes School of Business and Economics

**t.** +353 91 492612

**e.** [business@nuigalway.ie](mailto:business@nuigalway.ie)

**w.** [nuigalway.ie/GY206](http://nuigalway.ie/GY206)

GY207

# Bachelor of Commerce (Accounting)

## WHY CHOOSE THIS COURSE?

- ▶ This course combines a broad-based business education with the advantages of a specialist course for those interested in a career in accounting or a related discipline
- ▶ Students particularly like the small class size, which enables them to build a close network of friendship and support
- ▶ This course offers the maximum exemptions available to undergraduate degree programmes in Ireland from the examinations of all of the major professional accountancy and taxation accrediting bodies

## COURSE FACTS

**CAO Code:** GY207

**Course Level:** 8

**Duration:** 3 years (4 years with Global Experience option)

**Minimum Entry Points 2018:** 473

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes. Additional Requirements: A H4 in Accounting is also a requirement.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 35

## YEAR TWO

- International Financial Reporting II and III
- Management Accounting I
- Auditing, Assurance and Governance
- Inferential Statistical Methods for Business
- Applied Microeconomics for Business
- Macroeconomics and the Business Environment
- Business Finance I
- Information and Operations Management
- Business Law II
- Skills for Business
- Plus two optional subjects from the following areas:
  - Economics and Finance
  - Management and Human Relations
  - Marketing
  - Statistics for Business
  - Doing Business in China

## OPTIONAL GLOBAL EXPERIENCE YEAR

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

## FINAL YEAR

- Advanced Financial Accounting
- Management Accounting II and III
- Taxation I and II
- Business Finance II
- Advanced Business Law
- Innovation: Creativity and Enterprise
- Plus four optional modules from the following areas:
  - Economics and Finance
  - Management and Human Relations
  - Marketing
  - Doing Business in China
  - Operations/Logistics
  - Information Systems
  - Law
  - Accounting Internship

## WORK PLACEMENT

All students have the option to complete an approved accounting internship in the summer following their second year and can use their internship experience as a full module credit, Accounting Internship Module, in Semester 1 of their final year. Students opting to transfer to the B Comm (Accounting–Global Experience) degree can spend a second semester in a work placement with a professional accountancy practice or in the accounting function of a suitable business or public sector body. Students availing of this option, while assisted by the University 'Career Development Centre', have to secure a minimum six week relevant internship position themselves.

## STUDY ABROAD

Interested students meeting minimum academic criteria can apply to transfer from the three year B Comm (Accounting) degree to the four-year B Comm (Accounting–Global Experience) degree on a competitive basis. Successful applicants will spend one semester of third year at a university studying business through English–in Europe, America or further afield.

## CAREER OPPORTUNITIES

We pride ourselves in maintaining strong links with the top professional accountancy practices, domestic and international, and our graduates are consistently successful in securing employment as trainee accountants. Our graduates also find employment in financial services, taxation, public sector, banking, manufacturing and other industries.

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Introduction to Management Accounting
- Introduction to Financial Reporting
- Principles of Microeconomics/ Macroeconomics
- Information Management for Business
- Mathematics and Statistics for Business
- Business Law I
- Skills for Success
- Management and Enterprise
- Foundations of Marketing Thought

## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/accounting.html](http://nuigalway.ie/courses/taught-postgraduate-courses/accounting.html)

## YOU MIGHT ALSO LIKE

- GY209 Bachelor of Commerce (Global Experience)
- GY201 Bachelor of Commerce
- GY262 Bachelor of Commerce (International Hotel Management)

## FIND OUT MORE

J.E. Cairnes School of Business and Economics

**t.** +353 91 492308

**e.** [business@nuigalway.ie](mailto:business@nuigalway.ie)

**w.** [nuigalway.ie/GY207](http://nuigalway.ie/GY207)

GY208

# Bachelor of Commerce (Gaeilge)

## WHY CHOOSE THIS COURSE?

- ▶ This fantastic four-year course in Commerce includes the study of the Irish language, allowing students to develop their language skills while gaining valuable insights into business and culture
- ▶ In third year, students undertake a semester-long work placement in an Irish-speaking environment
- ▶ This course satisfies all of the Irish subject requirements for students who want to pursue careers as secondary school teachers

## COURSE FACTS

**CAO Code:** GY208

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 451

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes. Additional Requirements: A H4 in Gaeilge is also a requirement.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 15

## YOUR COURSE YEAR BY YEAR

### 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
- Management and Enterprise
- Gaeilge

### YEAR TWO

- Gaeilge
- Inferential Statistical Methods for Business
- Marketing Management
- Applied Microeconomics for Business
- Management Accounting I
- Organisational Psychology
- Business Finance I or Employment Relations

- Macroeconomics and the Business Environment or Business Law I
- Plus one optional module from the following:
  - Accounting
  - Economics
  - Management
  - Marketing
  - Statistics
  - Business Information Systems

### YEAR THREE

- Year three of the programme is divided between a 30 ECTS internship programme in an Irish-speaking environment and 30 ECTS of Irish-medium studies at NUI Galway's Gaeltacht campus in An Cheathrú Rua.

### YEAR FOUR

- Ireland in the Global Economy
- Ethics and Corporate Social Responsibility
- Business Strategy
- Innovation: Creativity and Enterprise
- Gaeilge
- Plus the opportunity to choose modules from the following areas:
  - Accounting and Performance Measurement
  - Economics and Public Policy
  - Human Resource Management
  - Digital Business and Analytics
  - Marketing Management
  - Finance
  - Business Law
  - International Business
  - Entrepreneurship

## WORK PLACEMENT

In third year, students partake in a semester-long internship in an Irish-speaking environment. Acadamh na hOllscolaíochta Gaeilge will organise this invaluable work experience.

Students will be placed with either Údarás na Gaeltachta, one of their 400 client companies in various sectors, or other host organisations. Previous host organisations have included Gaillimh le Gaeilge, Foras na Gaeilge and Conradh na Gaeilge.

## CAREER OPPORTUNITIES

It is likely that graduates of this programme will find employment in public sector, teaching, Gaeltacht institutions, accounting, management consultancy, marketing, human resource management, finance (including banking and insurance), and economic policy advisory services.

## GAELTACHT SEMESTER

Students will spend a full semester studying in Áras Mháirtín Uí Chadhain, an NUI Galway centre in An Cheathrú Rua.



## FURTHER STUDY

[nuigalway.ie/cairnes/courses](http://nuigalway.ie/cairnes/courses)

## YOU MIGHT ALSO LIKE

- GY202 Bachelor of Commerce (International)
- GY122 BA (Cumarsáid agus Gaeilge)
- GY250 Law and Business

## FIND OUT MORE

J.E. Cairnes School of Business and Economics

**t.** +353 91 492612

**e.** [business@nuigalway.ie](mailto:business@nuigalway.ie)

**w.** [nuigalway.ie/GY208](http://nuigalway.ie/GY208)

## Graduate Insight

"I chose to study Commerce in NUI Galway because I loved the broad range of subjects that it covers in three years. I was initially unsure of which path to take but having the first two years to get a taste of all aspects of business was extremely worthwhile. I chose to stream into marketing for my final year and loved every minute of it. If you want to pursue business but are in any way unsure about what area you want branch in to, then this is the course for you.

I choose NUI Galway, not only because of its outstanding reputation, but also because of the emphasis it puts on extra curricular involvement on campus. It has provided me with the opportunity to develop key skills for business and indeed life while also providing soft skills that can be used in any job! I got the opportunity to study for a semester in America, as well as working in a company for six months as part of the Global Experience which has helped me immensely since graduating."

**Laura Beirne, BComm**

(Global Experience) Graduate  
Currently an intern at Google London.





GY261

# Bachelor of Business Studies (International Hotel Management)

LOCATION: SHANNON

## WHY CHOOSE THIS COURSE?

- ▶ Since 1951, Shannon College of Hotel Management has maintained a 100% student employment record every year on graduation day.
- ▶ This is the perfect qualification for a student who is interested in a global profession that is varied, unpredictable, exciting and challenging, with boundless opportunities for career growth and progression.
- ▶ This degree programme offers a combination of business studies, practical learning and 21 months of international work placement.

## COURSE FACTS

**CAO CODE:** GY261

**Course Level:** 8

**Duration:** 4 years and 9 months

**Minimum Entry Points 2018:**

496 \*including interview points

**See** [www.shannoncollege.com](http://www.shannoncollege.com) for more details.

**Minimum A-Level Grades:** For details contact Shannon College of Hotel Management +353 (61) 712 590

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and Minimum Grade O6/H7 in four subjects in the Leaving Certificate, which must include; Irish, English, another language, Mathematics and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

For details please contact Shannon College of Hotel Management +353 (61) 712 590

**Average Intake:** 85

## YEAR TWO PLACEMENT

A 12-month paid, professional work placement in leading European hotels (France, Switzerland, Spain, Luxembourg, Belgium, Germany, the UK and Ireland) to reinforce practical training in Year 1, develop language skills and build knowledge of industry practice.

## YEAR THREE

- Food and Beverage 2
- Business Skills Development
- Hospitality and Business Law
- Rooms Division Management
- Economics for Hospitality
- Information Technology for Business
- Human Resource Management
- Business Finance
- Management Accounting 1
- Principles of Marketing
- Language 2

## YEAR FOUR

- Strategic Management and Hotel Simulation
- Performance Management and Cost Control
- Head of College Key Note Speaker Programme
- Marketing Management
- International Human Resource Management
- Revenue Management
- Entrepreneurship
- Principles of Tourism
- Applied Research Methods
- Plus electives

## END OF YEAR FOUR: TRAINEE MANAGEMENT WORK PLACEMENT

At the end of Year Four, students commence a trainee management work placement for at least nine months until graduation. International hotel companies visit Shannon College to recruit students onto management development programmes or as direct hires in properties around the world.

## WORK PLACEMENT

Shannon College has strong partnerships with industry, working with over 100 hotels across 16 countries worldwide. Students will spend a total of 21 months on paid work placement in the hotel industry during their course, gaining invaluable international experience within the hotel industry while also improving their language and communication skills.

## CAREER OPPORTUNITIES

The college's unrivalled employment record is testament to the quality of Shannon College graduates, their readiness for industry, the structured work placements and the strong links with industry. Our graduates are employed all over the world by some of the most elite hotel groups.

## FURTHER INFORMATION

For additional information on accommodation, entry requirements, facilities and all other general queries, see [www.shannoncollege.com](http://www.shannoncollege.com).

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Food and Beverage 1
- Culinary Kitchen Practical
- Restaurant Service Practical
- Accommodation Services
- Information Technology/ Front Office
- HACCP and Food Science
- Language 1
- Skills for Work Life
- Introduction to Management Accounting
- Introduction to Financial Accounting
- Principles of Management
- Quantitative Methods

## YOU MIGHT ALSO LIKE

- GY261 Bachelor of Commerce (International Hotel Management)
- GY209 Bachelor of Commerce (Global Experience)
- GY204 Bachelor of Commerce International (Spanish)

## FIND OUT MORE

Shannon College of Hotel Management, A College of NUI Galway, Shannon Airport, Co. Clare.

**t.** +353 61 712590

**e.** [info@shannoncollege.com](mailto:info@shannoncollege.com)

**w.** [www.shannoncollege.com](http://www.shannoncollege.com)

GY262

# Bachelor of Commerce (International Hotel Management)

LOCATION: SHANNON

## COURSE FACTS

**CAO Code:** GY262

**Course Level:** 8

**Duration:** 4 years and 9 months

**Minimum Entry Points 2018:**

657 \*including interview points.

**See** [www.shannoncollege.com](http://www.shannoncollege.com) for more details.

**Minimum A-Level Grades:** For details contact Shannon College of Hotel Management +353 (61) 712 590

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and Minimum Grade O6/H7 in four subjects in the Leaving Certificate, which must include: Irish, English, another language, Mathematics and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

For details contact Shannon College of Hotel Management +353 (61) 712590

**Average Intake:** 15

## YOU MIGHT ALSO LIKE

- GY261 Bachelor of Business Studies (International Hotel Management)
- GY209 Bachelor of Commerce (Global Experience)
- GY202 Bachelor of Commerce International (French)

## FIND OUT MORE

Shannon College of Hotel Management, A College of NUI Galway, Shannon Airport, Co. Clare.

**t.** +353 61 712590

**e.** [info@shannoncollege.com](mailto:info@shannoncollege.com)

**w.** [www.shannoncollege.com](http://www.shannoncollege.com)

## WHY CHOOSE THIS COURSE?

- ▶ This course incorporates a year of studies at the NUI Galway campus in the fourth year
- ▶ Students will develop a unique set of skills combining professional practical training, language development, hands-on work experience in the international hotel industry and extensive commerce theory specialising in a chosen business field
- ▶ This is a very unique and versatile qualification, perfect for a student who is interested in a career in the international hotel industry or business

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Food and Beverage 1
- Culinary Kitchen Practical
- Restaurant Service Practical
- Accommodation Services
- Information Technology/ Front Office
- HACCP and Food Science
- Language 1
- Skills for Work Life
- Introduction to Management Accounting
- Introduction to Financial Accounting
- Principles of Management
- Quantitative Methods

### YEAR TWO PLACEMENT

A 12-month paid, professional placement in leading European hotels (France, Switzerland, Spain, Luxembourg, Belgium, Germany, the UK and Ireland) to reinforce practical training in Year 1, develop language skills and build knowledge of industry practice.

### YEAR THREE

- Rooms Division Management
- Economics for Hospitality
- Managerial Economics
- Human Resource Management
- Business Finance
- Management Accounting 1
- Marketing Principles
- Language 2
- Food and Beverage 2
- Mathematics for Business
- Financial Accounting 1 or
- Information Technology for Business

### YEAR FOUR (AT NUI GALWAY CAMPUS)

- Core Business Modules
- Plus specialise in a business discipline:
  - Accounting and Performance
  - Economics and Public Policy
  - Marketing Management
  - Management of Human Resources
  - Digital Business and Analytics
  - Finance
  - Enterprise
  - Business Law
  - International Law

## END OF YEAR FOUR: TRAINEE MANAGEMENT WORK PLACEMENT

At the end of Year Four, students commence a trainee management work placement for at least nine months until graduation. International hotel companies visit Shannon College to recruit students onto management development programmes or as direct hires in properties around the world.

## WORK PLACEMENT

Shannon College has strong partnerships with industry, working with over 100 hotels across 16 countries worldwide. Students will work for a total of 21 months during their degree programme, gaining invaluable international experience within the hotel industry while also improving their language and communication skills.

## CAREER OPPORTUNITIES

Shannon College of Hotel Management has maintained a 100% student employment record every year on graduation day. This unrivalled record is testament to the quality of Shannon College graduates, their readiness for industry, the structured work placements and the strong links with industry.



## Graduate Insight Shannon College of Hotel Management

"I am truly honored to say I have graduated from Shannon College of Hotel Management. From day one, the lecturers and staff of the college create an environment which cultivates both professional and personal growth. I had the opportunity to spend my second year working for The Ritz-Carlton at Hotel Arts Barcelona and I cannot emphasize enough what an amazing experience it was living and working in one of Europe's most exciting cities.

Life at Shannon College of Hotel Management develops one of the broadest business skillsets you can acquire in third level education. The close mentorship from such a strong team of lecturers is definitely essential to the international reputation of the college and success of its alumni around the world.

Since graduating Shannon College of Hotel Management I have been fortunate to hold positions at the Waldorf Astoria New York as Rooms Division Manager and currently work at The Ritz-Carlton Grand Cayman as Guest Services Manager. Shannon College of Hotel Management is your passport to the world, stamped with one of the most sought after International Hotel Management qualifications.

**Alan O'Connell (Graduate 2016) –**

BComm (International Hotel Management)  
The Ritz- Carlton, Grand Cayman  
Guest Services Manager





# School of Law

Established in 1849, the School of Law at NUI Galway delivers innovative legal education in a dynamic school dedicated to impactful, high quality teaching and legal research, all delivered in a supportive and intellectually challenging environment.

Law at NUI Galway hosts the internationally renowned Irish Centre for Human Rights and the Centre for Disability Law & Policy; both centres with established reputations as world leaders in their fields. The School is passionate about research that meets the highest standards of scholarship, informs student learning and engages with current societal challenges, impacting public debate and informing government policy. We strive to foster a strong community of students and graduates through our student Law Society and Alumni networks.

**Lorraine McInerney**

Bachelor of Arts with Human Rights,  
2nd year student.

GY251

# Law (BCL)

## WHY CHOOSE THIS COURSE?

- ▶ Our Law course engages and challenges students with a rich curriculum of core and optional legal modules and offers an innovative and dynamic approach to legal skills education
- ▶ It is structured to deliver the modules required for entrance examination to the Law Society of Ireland, Blackhall Place and The Honorable Society of King's Inns to become a solicitor or barrister
- ▶ Students on the Law course are guaranteed a work placement or study abroad opportunity in their third year

## COURSE FACTS

**CAO Code:** GY251

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry points 2018:** 451

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate including Irish, English, another language and any three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 60

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Compulsory core modules:
  - Understanding the Law
  - Legal Skills
  - Constitutional Law
  - Contract Law
  - Tort Law
- Optional modules:
  - Family Law
  - Language (Legal French/ Legal German)

### YEAR TWO

- Compulsory core modules:
  - Criminal Law
  - EU Law
  - Company Law
  - Evidence Law
  - Administrative Law
  - Mooting
- Optional modules:
  - Information Technology Law/ Housing Law/ Human Rights/ Intellectual Property Law/ Health Law/ Media Law
  - Language (Legal French/ Legal German)

### YEAR THREE

- Full academic year of study abroad, or
- Full academic year of work placement

### YEAR FOUR

- Compulsory core modules:
  - Equity Law
  - Land Law
  - Jurisprudence
  - Guided Research Essay
- Specialise in a stream of optional law modules:
  - Business and Commercial Law
  - Public Law, Risk and Regulation
  - Human Rights, Crime and Equality
  - International, Comparative and Transnational Law
  - Law General (i.e., no specialisation—choose from available optional modules)
  - Language (Legal French/ Legal German)

## WORK PLACEMENT

Students are given the opportunity to avail of a full academic year of work placement. The School of Law partners with leading law firms, businesses and public sector organisations across the country to ensure that students are immersed in a practical legal environment.

## STUDY ABROAD

Students can avail of exciting study abroad opportunities for students through Erasmus and international exchange programmes. If you choose to study a language, you can use the study abroad option to improve your linguistic skills. We have study partnership opportunities in Belgium, Holland, Denmark, Hungary, France, Germany, Spain, the USA, China, Australia and Canada.

## CAREER OPPORTUNITIES

On graduation, students will be well-positioned for work in a legal research and advisory capacity in the private or public sector. Graduates of the programme can undertake professional training and qualify as a solicitor or barrister. Career opportunities, both national and international, can also be sought in areas outside of professional legal practice, such as financial services, consultancy, the public sector, and industry.



## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint-Honours)
- GY250 Law and Business
- GY133 Government (Politics, Economics and Law)
- GY113 Bachelor of Arts with Human Rights
- GY252 Bachelor of Law and Human Rights

## FIND OUT MORE

School of Law

**t.** +353 91 492752

**e.** [law@nuigalway.ie](mailto:law@nuigalway.ie)

**w.** [nuigalway.ie/GY251](http://nuigalway.ie/GY251)

GY250

# Law and Business

## WHY CHOOSE THIS COURSE?

- ▶ This course is an interdisciplinary programme that provides a solid grounding in both the disciplines of law and business.
- ▶ The third year of the programme incorporates opportunities for students to study abroad or undertake a work placement
- ▶ Upon graduation students can pursue professional legal training as a solicitor (with the Law Society of Ireland) or as a barrister (with the King's Inns)

## COURSE FACTS

**CAO Code:** GY250

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry points:** 409

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 60

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Compulsory core modules:
  - Understanding the Law
  - Constitutional Law
  - Contract Law
  - Tort Law
  - Introduction to Financial Accounting
  - Introduction to Management Accounting
- Optional modules in the following disciplines:
  - Digital Business
  - Economics
  - Language (Legal French/ Legal German/ Spanish)

### YEAR TWO

- Compulsory core modules:
  - Criminal Law
  - EU Law
  - Company Law
  - Mooting
- Optional modules in the following disciplines:
  - Accountancy
  - Digital Business
  - Economics
  - Management
  - Language (Legal French/ Legal German/ Spanish)

### YEAR THREE

- Full academic year of study abroad, or
- Full academic year of work placement

### YEAR FOUR

- Compulsory core modules:
  - Equity Law
  - Land Law
  - Commercial Law
  - Legal Business and Ethics
  - Guided Research Essay
- Specialise in a discipline/stream:
  - The Legal Professions
  - Accountancy
  - Digital Business and Analytics
  - Economics
  - Management
  - Language (Legal French/ Legal German/ Spanish)

## WORK PLACEMENT

Students on this course will be given the opportunity to avail of a full academic year of work placement. The School of Law partners with leading firms across the country to ensure the students are immersed in a practical legal or business environment.

## STUDY ABROAD

If you choose to study a language as part of your programme, you can avail of an exchange in the relevant country thereby improving your linguistic skills. If, however, you are not studying a language, you may still avail of exchange opportunities in countries where law is taught through English. We have partnership opportunities in Belgium, Holland, Denmark, Hungary, France, Germany, Spain, the USA, China, Australia and Canada. In the final year, students will have an opportunity to apply for prestigious fellowships in Ireland and the USA, e.g., the office of the Attorney General or the DPP in Ireland or with the Massachusetts appellate judge, Secretary of State's office, or the Suffolk County District Attorney's office in the USA.

## CAREER OPPORTUNITIES

The Law and Business programme opens up a range of professional career pathways for students. Graduates of this programme will be positioned for employment in a company or business organisation, i.e., banking, insurance, financial services, risk assurance, taxation, or as a legal advisor. Many graduates undertake professional training and qualify as a solicitor or barrister. Many graduates of this programme are employed in leading commercial law firms.

## FURTHER STUDY

[nuigalway.ie/law/courses](http://nuigalway.ie/law/courses)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint Honours)
- GY103 Arts (Public, Social Policy Government)
- GY113 Bachelor of Arts with Human Rights

## FIND OUT MORE

School of Law

**t.** +353 91 492752

**e.** [law@nuigalway.ie](mailto:law@nuigalway.ie)

**w.** [nuigalway.ie/GY250](http://nuigalway.ie/GY250)

GY252

# Law and Human Rights

NEW FOR 2019

## WHY CHOOSE THIS COURSE?

- ▶ The Law and Human Rights course is a new, innovative and unique programme—the first of its kind in Ireland
- ▶ The School of Law and the Irish Centre for Human Rights at NUI Galway are pioneers in legal education and research on human rights
- ▶ Students will have the opportunity to apply for work placement or study abroad opportunities in their third year

## COURSE FACTS

**CAO Code:** GY252

**Course level:** 8

**Duration:** 4 years

**Minimum Entry points:** N/A

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate including Irish, English, another language, and any three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 15

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Compulsory core modules:
  - Introduction to Human Rights
  - Understanding the Law
  - Constitutional Law
  - Contract Law
  - Tort Law
- Optional modules:
  - Family Law
  - Language (Legal French/ Legal German)

### YEAR TWO

- Compulsory core modules:
  - International Human Rights
  - European Human Rights
  - Criminal Law
  - EU Law
  - Mooting
  - Guided Research Essay
- Optional modules:
  - Information Technology Law/ Housing Law/ Intellectual Property Law/ Health Law/ Media Law
  - Language (Legal French/ Legal German)

### YEAR THREE

- Study Abroad or
- Work Placement

### YEAR FOUR

- Compulsory core modules:
  - Company Law
  - Equity Law
  - Land Law
- Specialise in a discipline/stream:
  - The Legal Professions
  - Business and Commercial Law
  - Public Law, Risk and Regulation
  - Human Rights, Crime and Equality
  - International, Comparative and Transnational Law
  - Language (Legal French/Legal German)

## WORK PLACEMENT

Students will be given the opportunity to engage in work placement in the third year of the programme. The course will offer some international work placements through its partnerships with international non-governmental organisations (NGOs) and other human rights bodies.

## STUDY ABROAD

There are exciting study abroad opportunities for students on this course through Erasmus and international exchange programmes. If you choose to study a language, you can use the study abroad option to improve your linguistic skills. You will also have the option to study abroad through English. We have partnership opportunities in Belgium, Holland, Denmark, Hungary, France, Germany, Spain, the USA, China, Australia and Canada.

## CAREER OPPORTUNITIES

On graduation, students will be well-positioned for work in international human rights law, policy or legal practice. Building on the Irish Centre for Human Rights' global reputation, students can pursue opportunities with international organisations, United Nations (UN) bodies or development agencies. Career opportunities, both national and international, can also be sought in areas such as UN peace operations, international justice sector reform, human rights advocacy, and public policy. Students can pursue professional legal training as a solicitor (with the Law Society of Ireland) or as a barrister (with the King's Inns).



## FURTHER STUDY

[nuigalway.ie/law/courses](http://nuigalway.ie/law/courses)

## YOU MIGHT ALSO LIKE

- GY101 Bachelor of Arts (Joint Honours)
- GY251 Law
- GY113 Bachelor of Arts with Human Rights

## FIND OUT MORE

School of Law

**t.** +353 91 492752

**e.** [law@nuigalway.ie](mailto:law@nuigalway.ie)

**w.** [nuigalway.ie/GY252](http://nuigalway.ie/GY252)

GY101

# Law in Bachelor of Arts

## WHY CHOOSE THIS COURSE?

- ▶ This course allows students the flexibility to combine the study of law with a range of complementary subjects
- ▶ In first year, students take Law as one of their three subjects and they take two other subjects from the Arts group of subjects (see page 24), such as Law with Sociology and Politics or with Languages or English or History
- ▶ Those who wish to qualify as a solicitor or barrister may proceed into the final year of the LLB programme
- ▶ Upon graduation from the LLB programme, students can pursue professional legal training as a solicitor (with the Law Society of Ireland) or as a barrister (with the King's Inns)

## COURSE FACTS

**CAO Code:** GY101

3 Years (BA Joint-Honours)

4 Years (BA International)

**Course Level:** 8

**Duration:** 3 or 4 years

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/ H7 in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 200



"I chose to study a BA (Joint-Honours) in Law followed by the Bachelors of Law LLB because of the professional, engaged and approachable lecturing staff in NUI Galway. The best part of the LLB was getting the opportunity to take the Moot Court Module which involved advocating in front of a judge of the high court in the Galway Courthouse. This motivated and empowered me to pursue a career as a solicitor. Overall, the BA Joint-Honours and the LLB gave me the knowledge and skills necessary for a legal career."

Amanda Wolf, BA (Joint-Honours) Law, Bachelors of Law (LLB)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Law:
  - Irish Legal System
  - Law of Torts
  - Legal Skills
- Plus two other subjects from the Arts subject groupings. See page 24.

### YEAR TWO

- Law:
  - Constitutional Law
  - Contract Law
  - European Human Rights
  - Sociology of Law
  - Legal Methods and Research
- Plus one of the other subjects chosen in first year

### YEAR THREE

- Law:
  - EU Law
  - Criminal Law
  - Administrative Law
- Plus the other subject chosen in second year

## CAREER OPPORTUNITIES

Law has been taught at NUI Galway since 1849, and many of our BA (Joint-Honours) in Law graduates practice as barristers or solicitors in Ireland and throughout the world. Our graduates include members of the judiciary, managing partners of law firms and legal counsel for leading organisations and businesses. Many graduates decide to pursue careers outside legal practice. Graduates may choose to work in the public sector (government departments, local government, and the Law Reform Commission) while others may opt for graduate training programmes or for careers in accountancy, banking, taxation, insurance, compliance or with institutions such as the United Nations and the Council of Europe.

## STUDY ABROAD

At the end of second year, interested students may opt to spend their third year studying at a university in mainland Europe or other countries such as the USA, Canada, Australia or China. These students then return to complete their programme in Galway in their fourth year. Students who opt for a language as one of the arts subjects can participate in Erasmus.

## FURTHER STUDY

[nuigalway.ie/law/courses](http://nuigalway.ie/law/courses)

## YOU MIGHT ALSO LIKE

- GY321 Bachelor of Arts (Government, Politics, Economics and Law)
- GY251 Bachelor of Law
- GY250 Bachelor of Law and Business
- GY252 Bachelor of Law and Human Rights

## FIND OUT MORE

School of Law

**t.** +353 91 492752

**e.** [law@nuigalway.ie](mailto:law@nuigalway.ie)

**w.** [nuigalway.ie/GY101](http://nuigalway.ie/GY101)

## Graduate Insight

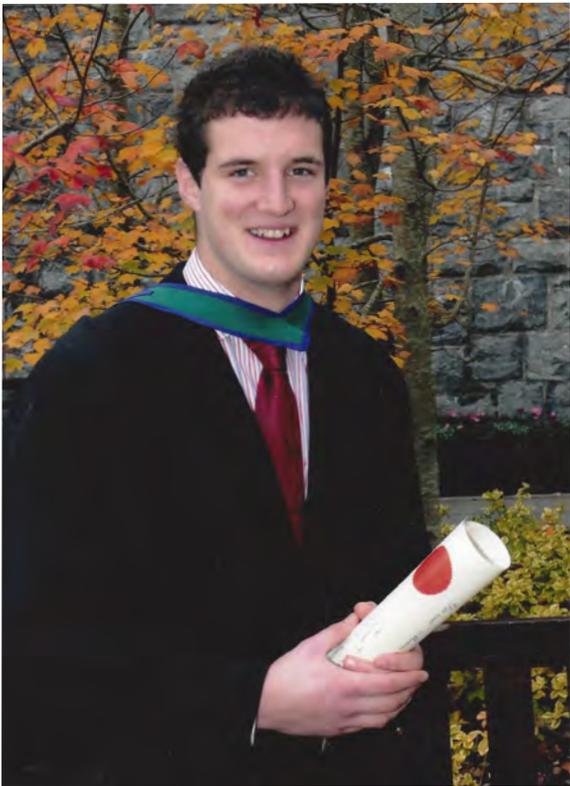
"Attending university in Galway is a profound and once in a lifetime experience. The city is vibrant, diverse with a mix of culture, music and entertainment. Despite Galway's social and eclectic exterior, it remains a warm and welcoming heartland to visitors and locals alike. Friends I met in college from across Ireland or indeed from overseas could not overstate the friendly and charming atmosphere Galway creates.

Studying Civil Law in NUI Galway afforded me the opportunity to delve deep into the law and initially focus on a wide range of subjects. I studied the foundations of law and formed a great understanding of the core principles and subjects that are a pre-requisite for any future career in law and have stood me in good stead to this day. The option now of the Clinical Legal Education course provided by the School of Law enables students to undergo invaluable practical experience of working in various careers in law and this opportunity should be encouraged and availed of."

**Ferdia Breathnach**

Barrister-at-Law Civil Law Graduate









# College of Engineering and Informatics

At NUI Galway you will get a first-class education across all engineering disciplines, taught by lecturers who are leading experts in their fields, and who will prepare you for an interesting and challenging future in your chosen engineering specialism. This, coupled with the fact that we have Ireland's premier purpose-built and award-winning Alice Perry Engineering building, makes NUI Galway the first choice for anyone interested in studying engineering.

**Eoghan Whittle**  
Mechanical Engineering (3rd Year)



## Women in Engineering

### Become a Trailblazer

NUI Galway has a proud tradition of attracting and encouraging high-achieving young women to follow their academic interests to pursue a career in engineering. Our award-winning engineering building is named after trailblazer, Alice Perry, the first female engineering graduate anywhere in Ireland or the UK. She graduated from NUI Galway in 1906, top of her Civil Engineering class.

The unprecedented demand for engineering talent in Ireland and abroad is set to continue unabated over the next number of years, and NUI Galway is to the forefront in helping prepare young, talented women to access these global opportunities.

The University has recently introduced the Máire Brazil Scholarship in Civil Engineering. This will be awarded to the eligible female candidate who demonstrates the highest overall grade in her first-year university exams in engineering. Successful candidates will receive a scholarship of €2,000 each year for three years of study. In the last number of years, the university has seen more and more young women choose a career in engineering as they recognise the variety of well-paid opportunities available to them in critical areas such as technology, engineering and medtech.

## The Importance of Accreditation in Engineering

All Engineering degrees at NUI Galway are professionally accredited by the statutory professional body, Engineers Ireland. This accreditation means that the degree has been assessed and approved to meet the educational requirements for professional engineers.

Under an international agreement (the Washington Accord), any degree accredited by the national professional body (Engineers Ireland) is recognised internationally. Having an "accredited" degree means that employers outside of Ireland can:

- Understand the quality/education achieved by a graduate
- Know that it is equivalent to their own education system/standards
- Offer appropriate employment on this basis

Certain functions (e.g., sign off on large civil engineering construction projects) can only be carried out by a chartered engineer.

Engineers Ireland require a master's (Level 9) qualification as the education standard required for the Registered Professional Title of Chartered Engineer (prior to this, a Level eight degree was required). The standard European engineering qualification (degree or diploma) is at Level 9.

Any graduate interested in working in Europe/worldwide is now strongly advised to get an accredited Level nine award.



GY401

# Undenominated Engineering

## WHY CHOOSE THIS COURSE?

- ▶ Engineering is a wide area, covering such fields as civil engineering, mechanics, electronics and computer technology. Undenominated Engineering allows you to explore different areas of engineering in your first year of study, affording you the time you need to find the discipline that is right for you
- ▶ On successful completion of your first-year exams, you will be able to apply to specialise by transferring to the second year of one of these courses:
  - ▶ 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
- ▶ Allocation of places may be based on overall performance in your first year

## COURSE FACTS

**CAO Code:** GY401

**Course Level:** 8

**Duration:** 1 year; students then transfer into a denominated programme

**Minimum Entry Points 2018:** 432

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Agricultural Science or Computer Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade H4 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 160-170

## YOUR COURSE YEAR BY YEAR

### 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

### YEAR FOUR

- Follow chosen course of Engineering

### YEAR FIVE (OPTIONAL)

- Follow chosen course of Engineering

## WORK PLACEMENT

All students undertake a work placement for a period of between three and eight months. The placement gives you an opportunity to work on projects relevant to your course of study and significantly improve your chances of obtaining employment after graduation. In the event that no external placement is available, students will be given projects on campus. We also provide opportunities for students to pursue international work placements.

## STUDY ABROAD

Each engineering programme has strong teaching and research links with major international universities, companies and research institutes in countries such as Germany, the UK, France, Poland, the USA, China and Brazil. Students have completed work placements, research placements and teaching semesters in various international locations.

## CAREER OPPORTUNITIES

As you 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.



## FURTHER STUDY

Students branch into one of the eight denominated engineering programmes in second year depending on which type of engineering they are interested in and wish to pursue. You will continue to study that particular area for the remainder of your chosen four-year programme.

## YOU MIGHT ALSO LIKE

- GY405 BE (Mechanical)
- GY301 Bachelor of Science
- GY320 BSc (Physics)

## FIND OUT MORE

Dr Mark G. Healy, Civil Engineering,  
College of Engineering and Informatics

**t.** +353 91 495364

**e.** [mark.healy@nuigalway.ie](mailto:mark.healy@nuigalway.ie)

**w.** [nuigalway.ie/GY401](http://nuigalway.ie/GY401)

GY402

# Bachelor of Engineering (Civil)

## WHY CHOOSE THIS COURSE?

- ▶ **Civil Engineering is the profession concerned with planning, design, construction and maintenance of the built environment. It encompasses structures ranging from houses and commercial buildings to motorways, rail networks and water and wastewater treatment facilities**
- ▶ **You will develop scientific, technical, organisational, computing and communication skills needed for a challenging and rewarding career as a civil engineer**
- ▶ **Voted Ireland's favourite new building in 2012, NUI Galway's Alice Perry Engineering building is purpose-built for learning about and researching engineering**

## COURSE FACTS

**CAO Code:** GY402

**Course Level:** 8

**Duration:** 5 years

**Minimum Entry Points 2018:** 455

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Agricultural Science or Computer Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade H4 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 50

- Engineering Hydraulics
- Civil Engineering Materials and Design
- Building Information Modelling
- Strength of Materials

### YEAR THREE

- Solids and Structures
- Geomechanics and Geology
- Engineering Hydraulics
- Environmental Engineering
- Transportation Systems and Infrastructure
- Construction Operations
- Water Engineering Design and Practice
- Design of Structures
- Work placement (BE students)

### YEAR FOUR

- Civil Engineering Project
- Design of Structures
- Geotechnical Engineering
- Coastal and Offshore Engineering
- Structural Analysis
- Project Management
- Design of Sustainable Environmental Systems
- Hydrology and Water Resource Engineering
- Energy in Buildings
- Work placement (ME students)

### YEAR FIVE (OPTIONAL)

An integrated Master's in Civil Engineering (ME) is offered following an additional year of study. The ME is accredited by Engineers Ireland, which means with a five-year master's you can apply for Chartered Engineer title. The course combines advanced core modules in Civil Engineering (sample modules include Advanced Structures, Computational Methods in Civil Engineering, Design of Sustainable Environmental Systems II) with modules on transferrable skills/professional development and an individual capstone research project (nine months long).

## WORK PLACEMENT

All students undertake a work placement with a civil engineering firm for a period of between three and eight months.

This gives you an opportunity to work on projects relevant to Civil Engineering and significantly improves your chances of obtaining employment after graduation. In the event that no external placement is available, students will be given projects on campus. We also provide opportunities for students to pursue international work placements.

## STUDY ABROAD

During the programme, it is likely that there will be opportunities to spend a semester or get some work experience abroad. The degree is accredited by Engineers Ireland, and it is recognised internationally under the Washington Accord, so the skills you learn will give you opportunities to work worldwide.

## CAREER OPPORTUNITIES

There is currently a shortage of civil engineers in Ireland as the economy recovers from the recession. Our graduates go on to careers as civil engineering design consultants and civil engineering contractors, and in local authorities and government bodies, energy (oil, gas, wind, and wave) and mining companies, and in overseas development. Recent employers include RPS, Ryan Hanley Consulting Engineers and Tobin Consulting Engineers.

## YOUR COURSE YEAR BY YEAR

### 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 Materials
- Thermodynamics and Fluid Mechanics
- Electronic Instrumentation and Sensors
- Principles of Building

## FURTHER STUDY

[nuigalway.ie/engineering](http://nuigalway.ie/engineering)

## YOU MIGHT ALSO LIKE

- GY401 Undenominated Engineering
- GY410 BSc (Project and Construction Management)
- GY313 BSc (Environmental Health and Safety)

## FIND OUT MORE

Brid Flaherty, Civil Engineering,  
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GY405

# Bachelor of Engineering (Mechanical)

## WHY CHOOSE THIS COURSE?

- ▶ **Mechanical Engineering is about designing and making the devices, components and machines you see around you. Anything that moves (and many things that don't) are part of the world of Mechanical Engineering**
- ▶ **There is strong demand for our mechanical engineering graduates across a wide variety of industry sectors**
- ▶ **Our students are part of the team that designs, builds and races an electric car that's over 100 times more efficient than most road cars! Find out more at [www.theGeec.ie](http://www.theGeec.ie)**

## COURSE FACTS

**CAO Code:** GY405

**Course Level:** 8

**Duration:** 5 years

**Minimum Entry Points 2018:** 414

### Minimum A-Level Grades:

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Agricultural Science or Computer Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade H4 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 40

## YOUR COURSE YEAR BY YEAR

### 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
- Electronic Instrumentation and Sensors
- Strength of Materials
- Thermodynamics and Fluid Mechanics
- Machine Design and Manufacturing Technology
- Electrical Circuits and Systems
- CAD and Design Project
- Engineering Statistics

- Fundamentals of Operations Engineering
- Materials 1

### YEAR THREE

- Mechanical Analysis and Design
- Thermodynamics and Heat Transfer
- Fluid Dynamics
- Automated Systems
- Mechanical Vibrations
- Electromechanical Power Conversion
- Linear Control Systems
- Quality Systems
- Project Management for Engineers
- Introduction to Regulatory Affairs in Manufacturing
- Professional Skills
- Work placement (BE students)

### YEAR FOUR

- Individual Fourth Year Project
  - Advanced Mechanical Analysis and Design
  - Computational Methods in Engineering Analysis
  - Energy Conversion
  - Polymer Engineering
  - Machine Design Project
  - Work placement (ME students)
- Plus a choice of three of the following specialist modules: Turbomachines and Advanced Fluid Dynamics, Power Systems, Biomechanics, Combustion Science and Engineering, Lean Systems, Systems Reliability, Safety Engineering.

### YEAR FIVE (OPTIONAL)

An integrated Master's in Mechanical Engineering (ME) is offered following an additional year of study. The ME is accredited by Engineers Ireland, which means with a five-year master's you can apply for Chartered Engineer title. The programme combines advanced Mechanical Engineering modules (sample modules include Advanced Mechanics of Materials, Advanced Finite Elements, Advanced Energy Systems) with a substantial (nine-month-long) research and development project and modules on engineering transferable skills.

## WORK PLACEMENT

All students undertake a work placement for a period of between three and eight months. The strong industry demand for our students is evident by the fact that 100% of our students in the past two years have obtained work placements. Students have been placed with ESB, Intel, Lufthansa Technik, Medtronic, Renishaw and many other companies. In the event that no external placement is available, students will be given projects on campus.

## STUDY ABROAD

Students have the possibility of overseas work placements. Students are regularly placed in the USA, Germany and the UK.

## CAREER OPPORTUNITIES

Our graduates are highly sought after by employers and go on to pursue diverse career opportunities including research and development, design, innovation, manufacturing and management. Recent employers include Aerogen, Rolls-Royce, Boston Scientific, ÉireComposites and OpenHydro.



## FURTHER STUDY

[nuigalway.ie/engineering](http://nuigalway.ie/engineering)

## YOU MIGHT ALSO LIKE

- GY401 Undenominated Engineering
- GY414 BE (Electrical and Electronic)
- GY408 BE (Biomedical Engineering)

## FIND OUT MORE

Mechanical Engineering  
College of Engineering and Informatics

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GY406

# Bachelor of Engineering (Electronic and Computer)

## WHY CHOOSE THIS COURSE?

- ▶ Our engineers have the skills to design both software and hardware for a huge range of applications
- ▶ This degree will open opportunities for you in some of the fastest growing and revolutionary areas of technology such as: tablet computer systems, communications systems (smart phones, computer networks, broadband internet, wireless mobile networking), medical devices (patient-worn monitors, hospital-based systems), mobile apps and next generation internet applications
- ▶ Ireland is the second largest software exporter in the world, with over 900 software companies offering huge employment opportunities for graduates of Electronic and Computer Engineering

## COURSE FACTS

**CAO Code:** GY406

**Course Level:** 8

**Duration:** 5 years

**Minimum Entry Points 2018:** 466

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Agricultural Science or Computer Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade H4 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 20

- Electrical Circuits and Systems
- Communications Systems Engineering
- Digital Systems 1
- Engineering Statistics
- Object Oriented Programming
- Object Oriented Programming: Data Structures and Algorithms Mathematics and Applied Mathematics
- Fundamentals of Electromagnetic Theory

### YEAR THREE

- Signals and Communications
- Digital Systems 2
- Communication Signals and Systems
- Embedded Systems Applications Programming
- Programming 3
- Analogue Systems Design 2
- Database Systems 1
- Project Management for Engineers
- Professional Skills
- Work placement (BE students)

### YEAR FOUR

- Electronic and Computer Engineering Project
- System on Chip Design
- Real-Time Systems
- Distributed Systems and Co-Operative Computing
- Communications and Signal Processing Applications
- Machine Learning and Data Mining
- Digital Signal Processing
- Software Engineering 3
- Telecommunications Software Applications
- Work placement (ME students)

### YEAR FIVE (OPTIONAL)

An integrated Master's in Electronic and Computer Engineering (ME) is offered following an additional year of study. The programme combines advanced Electronic and Computer Engineering modules (sample modules include Signal and Image Processing, Embedded Systems, Communications Technologies) with a substantial (nine-month-long) research and development project and modules on engineering transferable skills.

## WORK PLACEMENT

All students undertake a work placement for a period of between three and eight months. The placement gives you an opportunity to work on projects relevant to Electronic and Computer Engineering. In the event that no external placement is available, students will be given projects on campus. We also provide opportunities for students to pursue international work placements.

## STUDY ABROAD

This degree is accredited by Engineers Ireland and is therefore recognised internationally as a Level eight degree qualification in engineering. In recent years, more and more students are choosing to go on placement abroad or seek employment after they graduate in countries outside Ireland.

## CAREER OPPORTUNITIES

The global electronics industry is expected to hit €1.5 Trillion by 2024. Throughout Ireland, there are numerous smaller companies thriving in a very buoyant technology market. Several of our graduates have also gone on to start their own companies. Recent graduates are working with Valeo, Intel, Cisco, Google and Jaguar Land Rover.

## FURTHER STUDY

[nuigalway.ie/engineering](http://nuigalway.ie/engineering)

## YOU MIGHT ALSO LIKE

- GY401 Undenominated Engineering
- GY414 BE (Electrical and Electronic)
- GY301 Bachelor of Science

## FIND OUT MORE

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Electrical and Electronic Engineering

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## YOUR COURSE YEAR BY YEAR

### YEAR ONE

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

### YEAR TWO

- Electronic Instrumentation and Sensors
- Analogue Systems Design
- Microprocessor Systems Engineering

GY408

# Bachelor of Engineering (Biomedical)

## WHY CHOOSE THIS COURSE?

- ▶ NUI Galway is Ireland's leading university for Biomedical Engineering
- ▶ This exciting area of study involves the design and development of medical devices and technologies to improve healthcare. Key areas of biomedical engineering include cardiovascular devices (e.g., stents and heart valve replacements), orthopaedic devices (e.g., hip/shoulder/knee replacements), nano-particle drug delivery, key-hole surgery technologies, and regenerative medicine
- ▶ Galway is a major European hub for the hi-tech medical device sector and several leading companies were involved in the design of the course

## COURSE FACTS

**CAO Code:** GY408

**Course Level:** 8

**Duration:** 5 years

**Minimum Entry Points 2018:** 487

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Agricultural Science or Computer Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade H4 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Average Intake:** 40

- Materials
- Strength of Materials
- Mathematics and Applied Mathematics
- Engineering Statistics

## YEAR THREE

- Surgical and Medical Biodesign
- Human Body Function
- Principles of Biomaterials
- Mechanical Analysis and Design
- Fluid Dynamics
- Automated Systems
- Quality Systems
- Project Management
- Regulatory Affairs
- Work placement (BE students)

## YEAR FOUR

- Medical Implant and Device Design
- Biomechanics
- Tissue Engineering
- Engineering Analysis for Regulatory Approval
- Elements of Pathology
- Polymer Engineering
- Computational Methods in Engineering Analysis
- Thermodynamics and Heat Transfer
- Biotransport
- Biomedical Engineering
- Biomedical Engineering Project
- Work placement (ME students)

## YEAR FIVE (OPTIONAL)

An integrated Master's in Biomedical Engineering (ME) is offered following an additional year of study. The ME is accredited by Engineers Ireland, which means with a five-year master's you can apply for Chartered Engineer title. The programme combines advanced Biomedical Engineering modules (sample modules include Advanced Biomaterials, Advanced Tissue Engineering, Mechanobiology) with a substantial (nine-month-long) research and development project and modules on engineering transferable skills.

## WORK PLACEMENT

All students undertake a work placement of between three and eight months. In the event that no external placement is available, students will be given projects on campus. All leading Ireland-based medical technology companies participate in our work-placement programme, providing students with valuable real-world experience. Companies range from large multinationals (such as Medtronic, Boston Scientific, DePuy) to start-ups (such as Veryan, Aerogen, Neuravi).

## STUDY ABROAD

Our degree programme has strong international links with Purdue University (Indiana, USA), Georgia Institute of Technology (Atlanta, USA), Politecnico di Milano (Italy) and RWTH Aachen (Germany), all of which are international centres of excellence in Biomedical Engineering. A number of our students are selected to spend a year studying abroad in the USA, through our exchange agreement with Purdue University and Georgia Institute of Technology.

## CAREER OPPORTUNITIES

Ireland is a leading global medical technology hub and the NUI Galway Biomedical Engineering course plays a key role in this innovative sector. Career prospects are excellent, both in terms of an exceptionally high employment rate upon graduation and in terms of career progression (many of our graduates have gone on to become leaders in the medical technology sector, both in multinational and start-up companies).

## YOUR COURSE YEAR BY YEAR

### 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
- CAD and Design Project
- Machine Design and Manufacturing Technology
- Electronic Instrumentation and Sensors
- Thermodynamics and Fluid Mechanics

## FURTHER STUDY

[nuigalway.ie/engineering](http://nuigalway.ie/engineering)

## YOU MIGHT ALSO LIKE

- GY401 Undenominated Engineering
- GY405 BE (Mechanical)
- GY303 BSc (Biomedical Science)

## FIND OUT MORE

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GY413

# Bachelor of Engineering (Energy Systems)

## WHY CHOOSE THIS COURSE?

- ▶ Energy systems engineers are the people who are transforming the way we use, store and produce energy
- ▶ Energy systems engineers can be found in companies that design and build giant wind turbines, in the control room of the national network of power stations, and in the medical device manufacturing plants that operate their own power stations to meet their energy needs
- ▶ The 2015 Energy Systems Engineering Graduate Employment Survey shows that 94% of graduates are in full-time employment or study less than six months after graduation

## COURSE FACTS

**CAO Code:** GY413

**Course Level:** 8

**Duration:** 5 years

**Minimum Entry Points 2018:** 454

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Agricultural Science or Computer Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade H4 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 20

## YOUR COURSE YEAR BY YEAR

### 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
- Thermodynamics and Fluid Mechanics
- Electronic Instrumentation and Sensors
- Strength of Materials

- Electrical Circuits and Systems
- CAD and Design Project
- Engineering Statistics
- Introduction to Modelling
- Principles of Building

### YEAR THREE

- Electromechanical Power Conversion
- Sustainable Energy
- Thermodynamics and Heat Transfer
- Mechanical Analysis and Design
- Energy Systems Engineering Design Project
- Fluid Dynamics
- Linear Control Systems
- Introduction to Machine Design
- Project Management for Engineers
- Professional Skills
- Work placement (BE students)

### YEAR FOUR

- Energy in Buildings
- Energy Conversion
- Smart Grid
- Energy Systems Engineering Project
- Advanced Energy Systems Engineering
- In the fourth year, students choose to concentrate on Civil, Mechanical or Electrical aspects of Energy Systems Engineering. The specialist modules include:
  - Turbomachines and Advanced Fluid Dynamics
  - Combustion Science and Engineering
  - Coastal and Offshore Engineering
  - Power Systems
  - Power Electronics
  - Transportation Systems and Infrastructure
- Work placement (ME students)

### YEAR FIVE (OPTIONAL)

An integrated Master's in Energy Systems Engineering (ME) is offered following an additional year of study. The ME is accredited by Engineers

Ireland, which means with a 5 year Masters you can apply for Chartered Engineer title. The programme combines advanced Energy Systems Engineering modules (sample modules include Advanced Energy Systems, Advanced Finite Elements, Global Change) with a substantial (nine month long) research and development project and modules on engineering transferable skills

## WORK PLACEMENT

All students undertake a work placement for a period of between three and eight months. Energy Systems Engineering employers include ESB, SSE Renewables, Thermo King, DP Energy, Wood Group Kenny, Eirgrid, Shell, Medtronic and Boston Scientific. In the event that no external placement is available, students will be given projects on campus. We also provide opportunities for students to pursue international work placements. Many of our students have completed their work placement overseas, in places like the UK, the US, Germany and Australia.

## STUDY ABROAD

Energy Systems engineering students have created strong and growing links with the Institute for Solar Energy in Germany and the University of Copenhagen Green Campus.

## CAREER OPPORTUNITIES

Energy is one of the major crises facing the world today, hence our graduates are in big demand worldwide. Recent 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.

## FURTHER STUDY

[nuigalway.ie/engineering](http://nuigalway.ie/engineering)

## YOU MIGHT ALSO LIKE

- GY401 Undenominated Engineering
- GY405 BE (Mechanical)
- GY308 Environmental Science

## FIND OUT MORE

Energy Systems Engineering,  
College of Engineering and Informatics

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GY414

# Bachelor of Engineering (Electrical and Electronic)

## WHY CHOOSE THIS COURSE?

- ▶ The role of electrical and electronic engineers is to develop technologies for evermore intelligent, efficient and integrated electrical and electronic products
- ▶ Graduates are in high demand to work in a wide range of industries, ranging from renewable energy and automotive electronics to medical devices and telecommunications
- ▶ Graduates of this degree course are currently employed by ESB, Airtricity and Bord Gais

## COURSE FACTS

**CAO Code:** GY414

**Course Level:** 8

**Duration:** 5 years

**Minimum Entry Points 2018:** 425

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Agricultural Science or Computer Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade H4 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 20

- Electrical Circuits and Systems
- Analogue Systems Design
- Digital Systems
- Microprocessors Systems Engineering
- Object Oriented Programming (OOP)
- Fundamentals of Electromagnetic Theory
- OOP: Data Structures and Algorithms

### YEAR THREE

- Project Management
- Professional Skills
- Linear Control Systems
- Electromechanical Power Conversion
- Digital Systems
- Analogue Systems Design
- Signals and Communications
- Programming
- Communication Signals and Systems
- Work placement (BE students)

### YEAR FOUR

- System on Chip Design
- Engineering Electromagnetics
- Digital Signal Processing
- Telecommunications Software Applications
- Communications and Signal Processing Applications
- Power Electronics
- Power Systems
- Electrical and Electronic Engineering Project
- Digital Control Systems
- Technology, Innovation and Entrepreneurship
- Work placement (ME students)

### YEAR FIVE (OPTIONAL)

An integrated Master's in Electrical & Electronic Engineering (ME) is offered following an additional year of study. The programme combines advanced Electronic & Computer Engineering modules

(sample modules include Electromechanical Power Conversion, Power Electronics, Digital Systems II) with a substantial (nine month long) research and development project and modules on engineering transferable skills.

## WORK PLACEMENT

All students undertake a work placement for a period of between three and eight months. In the event that no external placement is available, students will be given projects on campus. We also provide opportunities for students to pursue international work placements. Most students are placed in Ireland-based companies, such as Analog Devices, Intel, ESB and Boston Scientific.

## STUDY ABROAD

In recent years, students are finding increasing opportunities abroad, both in third-year industrial placements and in full-time employment following graduation. This degree course is accredited by Engineers Ireland and is therefore recognised internationally as a Level eight degree qualification in engineering.

## CAREER OPPORTUNITIES

There is currently a skills shortage in the Irish technology sector and therefore career opportunities for electrical and electronic engineers are plentiful and varied. Graduates of this degree programme are working for companies like ESB, Airtricity, Intel, Analog Devices, ON Semiconductor, Texas Instruments and Microsemi.

## YOUR COURSE YEAR BY YEAR

### 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
- Communications Systems Engineering
- Electronic Instrumentation and Sensors

## FURTHER STUDY

[nuigalway.ie/engineering](http://nuigalway.ie/engineering)

## YOU MIGHT ALSO LIKE

- GY401 Undenominated Engineering
- GY405 BE (Mechanical)
- GY413 BE (Energy Systems)

## FIND OUT MORE

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GY410

# Bachelor of Engineering (Project and Construction Management)

## WHY CHOOSE THIS COURSE?

- ▶ This is an interdisciplinary degree course that sets out to develop the technical, business, managerial and interpersonal skills needed to succeed in industry
- ▶ Students of this degree course learn about managerial and accounting principles, and human resource management and gain an insight into the concepts of financial management. Other areas of study include health and safety law, quality management and planning
- ▶ The Project Management Institute estimates that more than 15 million new project management related roles will be created globally across engineering industries by 2020

## COURSE FACTS

**CAO Code:** GY410

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 402

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Agricultural Science or Computer Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum Grade O3 or H7. in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 20

## YEAR TWO

- Health and Safety Law
- Building Information Modelling
- Strength of Materials
- Principles of Building
- Civil Engineering Materials and Design
- Business Law
- Management Accounting
- Fundamentals of Operations Engineering
- Project Planning and Organisation
- Introduction to Statistical Data and Probability

## YEAR THREE

- Economics
- Operations Research
- Human Resource Management
- Construction Operations
- Project Planning and Organisation
- Transportation Systems and Infrastructure
- Geomechanics and Geology
- Physics of the Environment
- Design of Structures
- Professional Practice
- Work placement

## YEAR FOUR

- Project Management
- Estimates and Costing
- Management of Organisational Change
- Quality Systems
- Technology Innovation and Entrepreneurship
- The Built Environment
- Safety and Construction
- Managerial Economics
- Business Law

## WORK PLACEMENT

All students undertake a work placement for a period of between three and eight months. In the event that no external placement is available, students will be given projects on campus. We also provide opportunities for students to pursue international work placements. Students have obtained placements with companies and organisations in Ireland, as well as in countries around the world, ranging from the UK to developing countries such as Zambia. In the event that no external placement is available, students will be given projects on campus.

## STUDY ABROAD

Our programme has strong links with American universities and companies, which allow students to spend some time in the US during their studies.

## CAREER OPPORTUNITIES

Our graduates are working in a wide range of industries and positions. Recent employers of our graduates include Bord Gáis Networks, Covidien, RPS Group, AECOM, Morrisroe Construction, Mercury Engineering, Farcon, and Pdraig Arthur and Associates.

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Mathematical Studies
- Introduction to Physics
- Engineering Graphics
- Introduction to Engineering and Design
- Fundamentals of Project and Construction Management
- Engineering Computing
- Financial Accounting
- Management
- Management Accounting

## FURTHER STUDY

[nuigalway.ie/engineering](http://nuigalway.ie/engineering)

## YOU MIGHT ALSO LIKE

- GY401 Undenominated Engineering
- GY402 BE (Civil)
- GY201 Bachelor of Commerce

## FIND OUT MORE

Brid Flaherty, Civil Engineering,  
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GY350

# Bachelor of Science (Computer Science and Information Technology)

## WHY CHOOSE THIS COURSE?

- ▶ If you want a challenging career with excellent potential for future growth, working with some of the world's most innovative companies, then this degree is the best possible start on that path
- ▶ This course provides in-depth coverage of core computer science and software engineering technologies, and a course structure where you can study a range of next-generation technology areas, including digital media and games, data analytics, energy and medical and bio-informatics
- ▶ Computer science graduates are very well paid and employed across a wide variety of industry sectors

## COURSE FACTS

**CAO Code:** GY350

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 401

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, and any three other subjects recognised for entry purposes. In addition, students must obtain a minimum Grade O2 or H6 in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 65

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

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

### YEAR TWO

- Software Engineering
- Computer Systems and Organisation
- Database Systems
- Mathematics
- Programming
- Networks and Data Communications
- Object Oriented Programming (OOP)
- Data Structures and Algorithms

### YEAR THREE

- Software Engineering
- Programming
- Networks and Data Communications
- Database Systems
- Organisation Innovation
- Human-Computer Interaction
- Programming Paradigms
- Next-Generation Technologies
- Mathematics
- Work placement

### YEAR FOUR

- Final Year Project
- Software Engineering
- Distributed Systems and Co-Operative Computing
- Advanced Professional Skills
- Real-Time Systems
- Artificial Intelligence
- Machine Learning and Data Mining
- Graphics and Image Processing
- Modern Information Management
- Computer Security and Forensic Computing
- Systems Modelling and Simulation



"Computer Science and Information Technology is a fun, exciting and challenging course where you are faced with interesting problems that require creative solutions."

Thomas McGarry, BSc (Computer Science and Information Technology)

## WORK PLACEMENT

All students undertake a work placement for a period of between three and eight months. This gives you an opportunity to work on projects relevant to Computer Science and Information Technology and significantly improve your chances of obtaining employment after graduation. In the event that no external placement is available, students will be given projects on campus. We also provide opportunities for students to pursue international work placements.

## STUDY ABROAD

Some students may undertake their work placement abroad. Also, many of the companies that recruit graduates of this programme are large multinational organisations.

## CAREER OPPORTUNITIES

The digital age needs computer scientists and the career prospects for our graduates are excellent. Our graduates are highly skilled and well equipped to take on employment as professional engineers, designers or consultants in a range of organisations. Computer science graduates are very well paid and are employed in every type of industry.

## FURTHER STUDY

[nuigalway.ie/courses](http://nuigalway.ie/courses)

## YOU MIGHT ALSO LIKE

- GY401 Undenominated Engineering
- GY406 BE (Electronic and Computer)
- GY301 Bachelor of Science

## FIND OUT MORE

Information Technology,  
College of Engineering and Informatics

**t.** +353 91 492143

**e.** [info@it.nuigalway.ie](mailto:info@it.nuigalway.ie)

**w.** [nuigalway.ie/GY350](http://nuigalway.ie/GY350)



## Work Placement Opportunity

"The work placement element has been a valuable part of my engineering degree at NUI Galway... Getting the opportunity to work with a company like Aerogen, in an industrial engineering setting, has provided me with a real insight into the professional world.

Working with a company is very different to university life, but there is plenty of opportunity to build on skills learned during the semester. This work experience will be invaluable to me in deciding the direction of my career after graduation."

**Cathal Breathnach**

Computer Engineering Graduate (GY406)



**Find out more about your Engineering work placement:**

<https://tinyurl.com/nuigEngineeringplacements>

## Graduate Insight

"I have always had an interest in technology and engineering. After visiting the NUI Galway open day and seeing the state-of-the-art engineering faculty as well as talking to current students about projects and research they were undertaking, the choice was obvious. The expansive course and highly regarded degree programme allowed me the opportunity and confidence to pursue a career in an industry I was always passionate about. I am now working as a Flight Simulator Engineering Planner with Ryanair."

**Daniel Nolan,**

Mechanical Engineering Graduate  
(GY405)

▶ See Daniel's video at:  
[tinyurl.com/DanielNolanEngineering](https://tinyurl.com/DanielNolanEngineering)





# College of Medicine, Nursing and Health Sciences

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.

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



**Rachel Lyons**

1st Year Bachelor of Medicine (GY501),  
received the Massey Keegan Scholarship  
in 2017

GY501

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

## WHY CHOOSE THIS COURSE?

- ▶ Medicine has been taught at NUI Galway since 1849, and building on that tradition of teaching and research excellence, the medical curriculum in Galway is a modern, integrated, systems-based, modular course
- ▶ The innovative and relevant curriculum means that your learning is centred on the systems of the healthy body and the treatments required when these systems are affected by disease. This educational approach is delivering very positive outcomes for our medical students, who are now leading strongly in national prize schemes, such as the Henry Hutchinson Stewart Medical Scholarships, a competition run annually in the NUI universities across 16 different categories and open to students of medicine and nursing and related health areas
- ▶ At NUI Galway, we aim to prepare you for practising medicine anywhere in the world by equipping you with the necessary clinical diagnostic and therapeutic skills. Your classmates will include the best students from all over the world who have chosen to study medicine at NUI Galway because of its long-established reputation for excellence and student support
- ▶ We promote community engagement through our volunteering programme, and students are supported in pursuing their sporting interests or even joining our talented Medical Orchestra or Choral Ensemble. Double Olympian sprinter Dr Paul Hession graduated from NUI Galway in 2014, and he is now training to be an anaesthetist
- ▶ We offer a unique range of Special Study Modules in a wide range of topics, from Paramedic Skills to Medicine and the Arts. At NUI Galway, we are committed to helping you become the best doctor you can be, so that you can make a positive difference in the field of medicine. We also have an active undergraduate research programme

## COURSE FACTS

**CAO Code:** GY501

**Course Level:** 8

**Duration:** 5, 6 or 8 years (refer below for requirements to enter all programmes)

**Minimum Entry Points 2018:** 725\*

**Minimum A-level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Minimum Points Requirement:** 480 points from the same sitting of the Leaving Certificate Examination. (Applicants must achieve both the required subjects and the points in the same sitting.) Completion of the required Admissions Test (HPAT-Ireland).

**Minimum A-Level Grades:** (A\*A A) or equivalent combination plus HPAT-Ireland Test results (minimum combined score for 2018 was 725.) \*(Not all students who received these points were awarded a place.)

## Leaving Certificate Entry Requirements:

**GY501 Medicine (5 years):** In addition to the 6-year requirements, H4 in two of Biology, Chemistry, Physics. Physics/Chemistry, Agricultural Science. For further details, refer to the website: [www.nuigalway.ie/medicine-nursing-and-health-sciences/medicine/undergraduatecourses/](http://www.nuigalway.ie/medicine-nursing-and-health-sciences/medicine/undergraduatecourses/)

**GY501 Medicine (6 years):** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any other subject recognised for entry purposes.

**GY501 Medicine (8 years):** Students entering the medical programme have the opportunity also to engage in a PhD degree through a period of dedicated research, so that after successful completion of a period that is likely to be eight years, both the medical degree and PhD are conferred. Students of the medical programme who are interested in doing a PhD will undergo a selection process at the mid-point of their medical studies.

This will include an assessment of their academic performance to date and an interview. Limited financial support is provided for the additional three years. The programme and the research themes are agreed at the commencement of the research. Please contact the Medical School for further details ([medschool@nuigalway.ie](mailto:medschool@nuigalway.ie)).

## A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting and medical clearance requirements.

**Average Intake:** 120





## YOUR COURSE YEAR BY YEAR

### FOUNDATION YEAR

- Physics
- Chemistry
- Biology
- Foundations of Medicine

### YEAR ONE

- Anatomy
- Biochemistry
- Pharmacology
- Physiology
- Cardiovascular System
- Gastro-intestinal System
- Human Nutrition
- Renal System
- Respiratory System
- Professionalism

### YEAR TWO

- Central Nervous System
- Endocrinology
- Genetics
- Molecular Medicine
- Reproduction and Development
- Drugs and Disease
- Health and Disease
- Organ Failure
- Professionalism

### YEAR THREE-FIVE

- Clinical Laboratory Sciences:
  - Pathology
  - Microbiology
  - Public Health
- Clinical Disciplines:
  - Medicine
  - Surgery
  - Paediatrics
  - Psychiatry
  - Obstetrics and Gynaecology
  - General Practice
  - Anaesthesia
  - Ear, Nose and Throat Surgery
  - Ophthalmology
- Radiology
- Junior Internship
- Preparedness for Clinical Practice

## YOU MIGHT ALSO LIKE

- GY303 Biomedical Science
- GY408 Biomedical Engineering
- GY503 Bachelor of Science (Speech and Language Therapy)

## CLINICAL PLACEMENT

All students spend one full clinical year at one of NUI Galway's four medical academies—Mayo University Hospital, Castlebar; Letterkenny University Hospital; Portiuncula Hospital Ballinasloe; or Sligo University Hospital. Our team of highly qualified and experienced medical educators are committed to nurturing individual students and helping them to fulfil their potential. We provide high-quality instruction, using the latest technologies in our state-of-the-art facilities and throughout this network of purpose-built medical academies.

## STUDY ABROAD

There are ample opportunities to travel to other European countries on our Erasmus programme and to complete clinical electives in developing countries.

## CAREER OPPORTUNITIES

Our Medicine graduates find employment in diverse areas, such as:

- Hospitals
- Private practice
- Education and research
- Community rehabilitation services
- Pharmaceutical companies
- Postgraduate Diploma and Master's in Health Sciences (Primary Care)
- Postgraduate Diploma and Master's in Health Sciences (Clinical Education)
- Postgraduate Diploma/Certificate (Clinical Primary Care)
- Master of Science (Regenerative Medicine)
- Master of Science (Medical Physics)
- Master of Science (Clinical Research)
- Master of Science (Multidisciplinary Radiology)
- MSc and Master's in Preventive Cardiology
- Certificate/Diploma/Masters in Healthcare Simulation

## FIND OUT MORE

School of Medicine,  
Clinical Science Institute

**t.** +353 91 544475

**e.** [schoolofmedicine@nuigalway.ie](mailto:schoolofmedicine@nuigalway.ie)

**w.** [nuigalway.ie/GY501](http://nuigalway.ie/GY501)

## FACILITIES FOR MEDICINE AT NUI GALWAY

The Human Biology Building is a four-storey building with a gross floor area of 8,200 m<sup>2</sup> housing the disciplines of Anatomy, Physiology and Pharmacology and Therapeutics. The purpose of the building is to provide a facility in which all these disciplines are within a research-led environment, and:

- Deliver core preclinical curricula to Medical and Health Science students
- Deliver core curricula to Science, Biomedical Science and Engineering students
- Provide a venue for postgraduate taught master's degrees
- Provide a venue for discipline-specific training in third and fourth years.

The building has been designed as a teaching and research facility with accommodation including undergraduate teaching laboratories, research laboratories, offices, open-plan, write-up spaces, meeting rooms, tiered lecture theatres and other ancillary facilities. This facility has greatly enhanced teaching and research across disciplines, providing our students with access to cutting-edge research and learning opportunities.



GY502

# Bachelor of Science (Occupational Therapy)

## WHY CHOOSE THIS COURSE?

- ▶ Occupational therapists work with children and adults with acquired conditions such as stroke or spinal cord injury, with mental health issues, or with congenital illnesses such as cerebral palsy or spina bifida, among other disorders
- ▶ Occupational therapists aim to facilitate independence in daily 'occupations', such as self-care, work, financial management, leisure pursuits and education
- ▶ As part of the course, students complete 1,000 hours of practice education and can avail of the opportunity to go on an international placement

## COURSE FACTS

**CAO Code:** GY502

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 521

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, another language, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any other subject recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting and medical clearance requirements.

**Average Intake:** 25



## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Principles for Practice/ Fundamentals
- 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
- Neuroanatomy
- Neurophysiology
- Health Psychology
- Enabling Occupation—Paediatrics
- Enabling Occupation—Intellectual Disability
- Social Policy
- Occupational Science
- Communication for Practice
- Practice Education (work placement) 1
- Case Study 1

### YEAR THREE

- Cognitive Neuropsychology
- Evidence-Based Practice
- Enabling Occupation in the Community
- Standardised Testing in Occupational Therapy
- Enabling Occupation for Older Adults
- Community Engagement
- Research Methods
- Neurology
- Practice Education (work placement) 2
- Case Study 2

### YEAR FOUR

- Practice Education (work placement) 3 and 4
- Case Study 3 and 4
- Management and Leadership
- Preparation for Practice
- Research Project

## YOU MIGHT ALSO LIKE

- GY501 Bachelor of Medicine
- GY503 Bachelor of Science (Speech and Language Therapy)
- GY515 Bachelor of Nursing Science (General)

## WORK PLACEMENT

Students are required to complete 1,000 hours of Practice Education successfully under the supervision of a qualified occupational therapist. Practice Education is a placement that involves the student learning under the supervision of an occupational therapist in a practice setting. Practice Education takes place at the end of Semester 2 in first year (one week), Semester 2 in second year (1 x 8 weeks), Semester 2 in third year (1 x 8 weeks) and Semester 1 in fourth year (2 x 8 weeks).

## STUDY ABROAD

Students can also avail of the opportunity to go on an international placement. Students have previously availed of work placements overseas in the UK, Germany and India. From this year on, they will also be able to avail of overseas placements in Australia and Belgium.

## CAREER OPPORTUNITIES

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, and disability services.

## FIND OUT MORE

Occupational Therapy,  
School of Health Sciences

**t.** +353 91 495470

**e.** [healththerapies@nuigalway.ie](mailto:healththerapies@nuigalway.ie)

**w.** [nuigalway.ie/GY502](http://nuigalway.ie/GY502)

GY503

# Bachelor of Science (Speech and Language Therapy)

## WHY CHOOSE THIS COURSE?

- ▶ Speech and language therapy is an exciting and dynamic healthcare profession, focused on improving the quality of life of people living with communication and swallowing disorders
- ▶ Speech and language therapists work in a variety of settings, including hospitals, primary care health centres and schools
- ▶ Students are required to complete a minimum of 450 hours of clinical education. This is fully incorporated into our degree course so once you graduate you are fully eligible to register with CORU (the regulatory body for health and social care professionals in Ireland) and IASLT (the professional body for speech and language therapy in Ireland)
- ▶ Students undertake part of their placement in the teaching and research clinic located on the university campus

## COURSE FACTS

**CAO Code:** GY503

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 529

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, another language, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any other subject recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting and medical clearance requirements.

**Average Intake:** 25



"You get a chance to apply what you've learned to the real world in placements with real clients."

Rua Rogan, BSc  
(Speech and Language Therapy)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Psychology 1
- Human Body Structure
- Human Body Function
- Practice Education 1
- Professional Studies 1
- Linguistics 1
- Phonetics and Phonology
- Communication Impairments and Dysphagia 1

### YEAR TWO

- Psychology 2
- Neuroanatomy
- Neurophysiology
- Practice Education 2
- Professional Studies 2
- Research Methodology 2
- Linguistics 2
- Communication Impairments and Dysphagia 2

### YEAR THREE

- Psychology 3
- Practice Education 3
- Professional Studies 3
- Research Methodology 3
- Linguistics 3
- Communication Impairments and Dysphagia 3

### YEAR FOUR

- Practice Education 4
- Professional Studies 4
- Research Methodology 4

## WORK PLACEMENT

Throughout the course, there is a combination of one-day weekly placements in the on-site teaching and research clinic at the University as well as block placements in a variety of healthcare settings, such as primary care clinics, acute hospitals and disability settings. Students are given the opportunity to learn under the supervision of a qualified speech and language therapist. Students may be asked to undertake placements anywhere in Ireland.

## CAREER OPPORTUNITIES

Graduates will have a professional qualification in speech and language therapy and are qualified to practice in Ireland. Graduates who wish to work overseas must meet the specific professional and regulatory requirements of the country they wish to work in. Speech and language therapists may work in a range of settings such as community clinics/health centres, hospitals, rehabilitation centres, people's homes, child development centres, mainstream and special schools, and language classes.

## FURTHER STUDY

There are a range of postgraduate taught programmes available in NUI Galway (e.g., MSc Advanced Healthcare Practice and Research and MSc Childhood Speech, Language and Communication Needs). There are also opportunities to register for MPhil and PhD programmes in NUI Galway.

## YOU MIGHT ALSO LIKE

- GY502 Bachelor of Science (Occupational Therapy)
- GY515 Bachelor of Nursing Science (General)
- AS130 Bachelor of Nursing Science (Intellectual Disability)

## FIND OUT MORE

Speech and Language Therapy,  
School of Health Sciences

**t.** +353 91 495470

**e.** [healththerapies@nuigalway.ie](mailto:healththerapies@nuigalway.ie)

**w.** [nuigalway.ie/GY503](http://nuigalway.ie/GY503)

GY504

# Bachelor of Science (Podiatric Medicine)

## WHY CHOOSE THIS COURSE?

- ▶ Podiatric Medicine is a healthcare profession that specialises in the management of diseases and disorders of the lower limb and foot. Podiatrists are educated in diagnosis, planning and implementing interventions for all age groups
- ▶ The course is the only such professionally accredited qualification of its kind in Ireland
- ▶ If you would like to know if a career as a podiatrist is for you, why not take part in our shadowing programme at Merlin Park Podiatry Clinic in Galway

## COURSE FACTS

**CAO Code:** GY504

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 410

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, another language, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any other subject recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy the Garda/police vetting and medical clearance requirements.

**Average Intake:** 25



"The practical element gives you patient contact from the first year to develop the skills required to practise as a podiatrist."

Veronica Smith,  
BSc (Podiatric Medicine)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Podiatric Medicine 1
- Podiatric Dermatology
- Human Body Structure
- Gross Anatomy of the Lower Limb
- Human Body Function
- Professional Development
- Redefining Health and Wellbeing
- Lower Limb Kinematics

### YEAR TWO

- Podiatric Medicine 2
- Lower Extremity Wounds
- Applied Pathophysiology
- Functional Anatomy and Biomechanics
- Evidence-Based Practice
- Introduction to Pharmacology
- Microbiology
- Endocrinology

### YEAR THREE

- Podiatric Medicine 3
- Medicine and Surgery
- Pharmacology in Health and Disease
- Research Methods and Design
- Podopaediatrics
- Orthopaedics
- Health Promotion in Podiatry
- Biostatistics

### YEAR FOUR

- Podiatric Medicine 4
- Skills for Practice
- High Risk Limb
- Research Dissertation
- Working with Vulnerable Adults
- Contemporary Practice

## WORK PLACEMENT

All students are required to complete 1,000 hours of clinical practice successfully under the supervision of qualified podiatrists. Clinical practice is integrated into each year of the programme and primarily takes place in Merlin Park Podiatry Clinic, based at Merlin Park Hospital, Galway.

## STUDY ABROAD

There are also opportunities for national and international placements within the programme, including the possibility of a student exchange with New York College of Podiatric Medicine.

## CAREER OPPORTUNITIES

You will work alongside other health professionals, such as doctors, nurses, physiotherapists and orthotists. Specific areas of specialism within podiatric medicine include musculoskeletal conditions, biomechanics, sports injuries, diabetes, vascular conditions, rheumatology, wound care and minor surgery. Graduates will have a professional qualification and may work in a variety of settings such as: hospitals, sports clinics, GP practices, nursing homes, private practice, education and research, and community rehabilitation services.

## FURTHER STUDY

There are a number of opportunities for further, postgraduate studies including MSc, MPhil and PhD.

## YOU MIGHT ALSO LIKE

- GY303 Biomedical Science
- GY502 Occupational Therapy
- GY515 Bachelor of Nursing Science (General)

## FIND OUT MORE

Podiatric Medicine,  
School of Health Sciences

**t.** +353 91 495814

**e.** [podiatricmedicine@nuigalway.ie](mailto:podiatricmedicine@nuigalway.ie)

**w.** [nuigalway.ie/GY504](http://nuigalway.ie/GY504)

GY515

# Bachelor of Nursing Science (General)

## WHY CHOOSE THIS COURSE?

- ▶ The role of the general nurse is to assist with the health and wellbeing of persons experiencing a change in their health status or a change in life processes, considering their physical, psychological, emotional, social and spiritual needs
- ▶ The course provides an excellent foundation in the theory and practice skills required for contemporary nursing and enables students to become knowledgeable, competent, safe and highly skilled practitioners
- ▶ On graduation, students are eligible for registration on the General Nursing Division of the Nurses' Register, maintained by the Nursing and Midwifery Board of Ireland (NMBI)

## COURSE FACTS

**CAO Code:** GY515

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 445

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** All successful applicants who are offered places on the degree programme will be required to have medical screening and Garda vetting; this will include medical assessment, screening and, if necessary, vaccination prior to the first clinical placement, in accordance with the policies of NUI Galway and the Saolta University Health Care Group.

**Average Intake:** 69



"I took up the international nursing module, which enabled me to complete placement in a healthcare centre in Simanjoro in Tanzania"

Lisa Cannon, Bachelor of Nursing Science (General)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE—THREE

- Biological Sciences
- Social Sciences
- Nursing Theory
- Nursing Practice
- Health Promotion
- Research

### YEAR FOUR

- Research
- Leading and Developing Practice
- Clinical/Theory Instruction
- Salaried Clinical Internship (36 weeks)

## WORK PLACEMENT

Year four comprises clinical/theory instruction in Semester 1 and a 36-week internship in clinical practice, which runs from January to September. During this period, the student will be an employee of the Saolta University Health Care Group and paid a salary. Students have the opportunity to take advantage of the various areas of expertise available within Saolta University Health Care Group mainly in University Hospital Galway, Portiuncula University Hospital and Merlin Park University Hospital.

## FURTHER STUDY

Graduates have the option to study a variety of nursing programmes at postgraduate, diploma, masters and PhD levels, for example:

### Master of Health Sciences (Nursing Education)

[nuigalway.ie/courses/taught-postgraduate-courses/nursing-midwifery-education.html](http://nuigalway.ie/courses/taught-postgraduate-courses/nursing-midwifery-education.html)

### Master of Health Sciences (Advanced Practice with Prescribing)

[nuigalway.ie/courses/taught-postgraduate-courses/advanced-practice-prescribing.html](http://nuigalway.ie/courses/taught-postgraduate-courses/advanced-practice-prescribing.html)

### Nursing Emergency Care

[nuigalway.ie/courses/taught-postgraduate-courses/nursing-emergency-care.html](http://nuigalway.ie/courses/taught-postgraduate-courses/nursing-emergency-care.html)

## YOU MIGHT ALSO LIKE

- GY516 Bachelor of Mental Health Nursing
- GY517 Bachelor of Midwifery Science
- AS130 Bachelor of Nursing Science (Intellectual Disability)

## STUDY ABROAD

There are international and European opportunities for students available through the Erasmus Programme and other international partnerships with, for example, Barcelona, Africa, Fairfield University, USA, and Case Western University, USA.

## CAREER OPPORTUNITIES

Nurses have the opportunity to work in a variety of settings in the hospital and the community.

The Bachelor of Nursing Science degree is recognised internationally and many nurses choose to work overseas to broaden their experience.

## FIND OUT MORE

School of Nursing and Midwifery

**t.** +353 91 493432

**e.** [nursing.midwifery@nuigalway.ie](mailto:nursing.midwifery@nuigalway.ie)

**w.** [nuigalway.ie/GY515](http://nuigalway.ie/GY515)

GY516

# Bachelor of Mental Health Nursing

## WHY CHOOSE THIS COURSE?

- ▶ Mental health nursing aims to assist people experiencing mental-health issues to recover and to promote mental health and well-being
- ▶ This course is offered in partnership with Galway Roscommon Psychiatric Services and the Saolta University Health Care Group
- ▶ Students undertake a paid clinical placement in their fourth year
- ▶ On graduation students are eligible for registration on the Psychiatric Division of the Nurses' Register, maintained by the Nursing and Midwifery Board of Ireland (NMBI)

## COURSE FACTS

**CAO Code:** GY516

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 409

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevelsleaving](http://www.nuigalway.ie/alevelsleaving)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** All successful applicants who are offered places on the degree programme will be required to have medical screening and Garda vetting; this will include medical assessment, screening, and, if necessary, vaccination prior to the first clinical placement, in accordance with the policies of NUI Galway and the HSE West/ Northwest Hospitals Group.

**Average Intake:** 30

## YOUR COURSE YEAR BY YEAR

### YEAR ONE—THREE

- Biological Sciences
- Social Sciences
- Mental Health Nursing Theory
- Mental Health Nursing Skills
- Mental Health Nursing Practice
- Mental Health Promotion
- Research

### YEAR FOUR

- Research
- Leading and Developing Practice
- Clinical/Theory Instruction
- Clinical Internship (36 weeks)

## WORK PLACEMENT

Students undertake a 36-week clinical internship in Semester 2 in fourth year. Clinical practice modules require students to complete clinical placements within the Saolta University Health Care Group. While on clinical placements, students will be supervised by an appropriately trained nurse.

## STUDY ABROAD

There are international and European opportunities for students available through the Erasmus Programme and other international partnerships with, for example, Barcelona, Fairfield University USA, Case Western, USA and Africa.

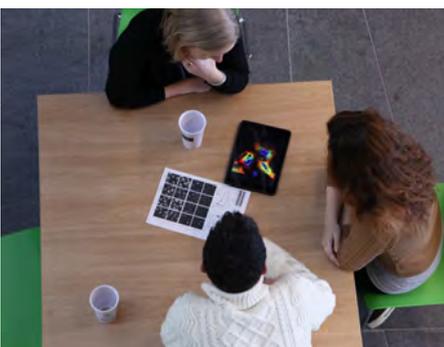
## CAREER OPPORTUNITIES

Graduates will be in a position to work in a variety of settings, including; in-patient mental health services, community mental health services, child and adolescent services, voluntary organisations, recovery and rehabilitation services, mental health services for older people, research and nursing education.



"I picked NUI Galway as it provides a supportive learning environment and a wide range of clinical placements allowing an understanding of the different areas of psychiatric nursing"

Edwin Flynn, Bachelor of Mental Health Nursing



## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](http://nuigalway.ie/courses/taught-postgraduate-courses/)

## YOU MIGHT ALSO LIKE

- GY515 Bachelor of Nursing Science (General)
- GY517 Bachelor of Midwifery Science
- AS130 Bachelor of Nursing Science (Intellectual Disability)

## FIND OUT MORE

School of Nursing and Midwifery,  
Áras Moyola, NUI Galway

**t.** +353 91 493432

**e.** [nursing.midwifery@nuigalway.ie](mailto:nursing.midwifery@nuigalway.ie)

**w.** [nuigalway.ie/GY516](http://nuigalway.ie/GY516)

GY517

# Bachelor of Midwifery Science

## WHY CHOOSE THIS COURSE?

- ▶ The midwifery degree course consists of theoretical and clinical modules, during which students learn the art and science of midwifery
- ▶ On graduation, students are eligible for registration on the General Nursing Division of the Nurses' Register, maintained by the Nursing and Midwifery Board of Ireland (NMBI)
- ▶ Students get a broad range of clinical experience in four different clinical placement sites: University Hospital Galway, Mayo University Hospital, Portiuncula University Hospital Ballinasloe and Sligo University Hospital

## COURSE FACTS

**CAO Code:** GY517

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 451

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** All successful applicants who are offered places on the degree programme will be required to have medical screening and Garda vetting; this will include medical assessment, screening and, if necessary, vaccination prior to the first clinical placement, in accordance with the policies of NUI Galway and the Saolta University Health Care Group.

**Average Intake:** 20

## YOUR COURSE YEAR BY YEAR

### YEAR ONE—THREE

- Theory and Clinical Modules
  - Biological Sciences
  - Social Sciences
  - Midwifery Skills
  - Midwifery Studies
  - Research
  - Clinical modules

### YEAR 4

#### Semester 1

- Theory and Clinical Modules
  - Research
  - Leading and Developing Practice
  - Clinical Modules

#### Semester 2

- Clinical Practice Internship (36 weeks)

## WORK PLACEMENT

Clinical practice modules require students to be in clinical practice for 35 hours per week. While on clinical placements, students will be supervised by a midwife who has been specially trained to guide and direct student learning and act as a preceptor to the student. Year four comprises clinical/theory instruction in Semester 1 and a 36-week internship in clinical practice, which runs from January to September. During this period, the student will be an employee of the Saolta University Health Care Group and will be paid a salary.

Students who are required to travel to distant placements may apply to the Saolta University Health Care Group for support in meeting travel and accommodation costs.

## CAREER OPPORTUNITIES

Midwives have the opportunity to work in a variety of settings in the hospital and the community. There are many career opportunities for midwives in both hospital and community settings in Ireland and abroad.



## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](http://nuigalway.ie/courses/taught-postgraduate-courses/)

## YOU MIGHT ALSO LIKE

- GY515 Bachelor of Nursing Science (General)
- GY516 Bachelor of Mental Health Nursing
- AS130 Bachelor of Nursing Science (Intellectual Disability)

## FIND OUT MORE

School of Nursing and Midwifery

**t.** +353 91 493432

**e.** [nursing.midwifery@nuigalway.ie](mailto:nursing.midwifery@nuigalway.ie)

**w.** [nuigalway.ie/GY517](http://nuigalway.ie/GY517)

AS110

# Bachelor of Nursing Science (General)

LOCATION: SLIGO

## COURSE FACTS

**CAO Code:** AS110

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 400\*

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

**Leaving Certificate Entry**

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any two other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:**

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy Garda/police vetting and medical clearance requirements.

**Average Intake:** 35

## WHY CHOOSE THIS COURSE?

- ▶ This degree course is offered in partnership with the Saolta University Health Care Group
- ▶ On graduation, students are eligible for registration on the General Nursing Division of the Nurses' Register, maintained by the Nursing and Midwifery Board of Ireland (NMBI)
- ▶ Students may spend up to 12 weeks in their third year on placement in an EU clinical setting as part of the Erasmus+ programme

## YOUR COURSE YEAR BY YEAR

### SIX CORE THEMES ARE COVERED OVER THE FOUR YEARS INCLUDING:

- The Profession of Nursing
- Nursing Practice
- Decision-Making
- Communication
- Biological and Social Sciences
- Leadership and Team Working
- Research

### SEMESTER 2 OF FOURTH YEAR

- Practice Internship (36 weeks)



"An excellent course that initiates lifelong friendship.. and offers invaluable work placement opportunities..."

Laura Connolly, Bachelor of Nursing Science (General)

## WORK PLACEMENT

The first three years are run within the academic year and include a combination of theory modules and practice modules. Practice modules require students to be in clinical practice for 35 hours per week. In year four students undertake a 36-week internship of clinical practice, which runs from January to September. During this period, the student will be an employee of the Saolta University Health Care Group and paid a salary.

## STUDY ABROAD

There are international and European opportunities for students available through the Erasmus+ Programme and other international partnerships with, for example, Finland, Spain, England and California.

## CAREER OPPORTUNITIES

Nurses have the opportunity to work in a variety of settings in the hospital and the community. This degree is recognised internationally and many nurses choose to work overseas to broaden their experience.



## FURTHER STUDY

Graduates have the option to study a variety of nursing programmes at postgraduate, diploma, masters and PhD levels, for example:

### Master of Health Sciences (Nursing Education)

[nuigalway.ie/courses/taught-postgraduate-courses/nursing-midwifery-education.html](http://nuigalway.ie/courses/taught-postgraduate-courses/nursing-midwifery-education.html)

### Master of Health Sciences (Advanced Practice with Prescribing)

[nuigalway.ie/courses/taught-postgraduate-courses/advanced-practice-prescribing.html](http://nuigalway.ie/courses/taught-postgraduate-courses/advanced-practice-prescribing.html)

### Postgraduate Diploma in Applied Health and Wellness Coaching

[stangelas.nuigalway.ie/departments/course\\_details.php?id=INT59&&ver=en](http://stangelas.nuigalway.ie/departments/course_details.php?id=INT59&&ver=en)

## YOU MIGHT ALSO LIKE

- AS130 Bachelor of Nursing Science (Intellectual Disability)
- GY515 Bachelor of Nursing Science (General)
- GY504 Bachelor of Science (Podiatric Medicine)

## FIND OUT MORE

**t.** +353 71 9135603

**e.** [soconnor@stangelas.nuigalway.ie](mailto:soconnor@stangelas.nuigalway.ie)

**w.** [www.stangelas.nuigalway.ie/departments/course\\_details.php?id=AS110andandver=en](http://www.stangelas.nuigalway.ie/departments/course_details.php?id=AS110andandver=en)

AS130

# Bachelor of Nursing Science (Intellectual Disability)

LOCATION: SLIGO

## COURSE FACTS

**CAO Code:** AS130

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 346

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Additional Requirements:** Students must satisfy Garda/police vetting and medical clearance requirements.

**Average Intake:** 19



"The course provided me with a variety of clinical placements that enhanced my confidence, learning and overall understanding of working with individuals with an intellectual disability."

Anne Marie Kelly, Bachelor of Nursing Science (Intellectual Disability)

## WHY CHOOSE THIS COURSE?

- ▶ This course is offered in partnership with the regional Health Service Executive (HSE) Intellectual Disability and Autism services, voluntary bodies and special education units in schools
- ▶ In Year 2, our students participate in a 36-week internship which runs from January to September. During this period, the student will be an employee of the regional HSE Intellectual Disability and Autism Services and paid a salary
- ▶ Students may spend up to 12 weeks in Year 3 on placement in an EU clinical setting as part of the Erasmus+ programme

## YOUR COURSE YEAR BY YEAR

### SIX CORE THEMES ARE COVERED OVER THE FOUR YEARS INCLUDING:

- The Profession of Nursing
- Nursing Practice
- Decision-Making
- Communication
- Biological and Social Sciences
- Leadership and Team Working
- Research

### SEMESTER 2 OF FOURTH YEAR

- Practice Internship (36 weeks)

## WORK PLACEMENT

The first three years are run within the academic year and include a combination of theory modules and practice modules. Practice modules require students to be in clinical practice for 35 hours per week. In Year 4 students undertake a 36-week internship of clinical practice, which runs from January to September. During this period, the student will be an employee of the regional HSE Intellectual Disability and Autism Services and paid a salary.

## STUDY ABROAD

There are international and European opportunities for students available through the Erasmus+ Programme and other international partnerships with, for example, Finland, Spain, England and California.

## CAREER OPPORTUNITIES

The programme provides graduates with an academic and professional qualification. Graduates can work in a variety of settings: community homes; residential settings; schools; training organisations; and individuals' homes. In addition, the degree is recognised internationally, so graduates can work all over the world.

## FURTHER STUDY

Graduates have the option to study a variety of nursing programmes at postgraduate, diploma, masters and PhD levels, for example:

### Master of Health Sciences (Nursing Education)

[nuigalway.ie/courses/taught-postgraduate-courses/nursing-midwifery-education.html](http://nuigalway.ie/courses/taught-postgraduate-courses/nursing-midwifery-education.html)

### Master of Health Sciences (Advanced Practice with Prescribing)

[nuigalway.ie/courses/taught-postgraduate-courses/advanced-practice-prescribing.html](http://nuigalway.ie/courses/taught-postgraduate-courses/advanced-practice-prescribing.html)

### Postgraduate Diploma in Applied Health and Wellness Coaching

[stangelas.nuigalway.ie/departments/course\\_details.php?id=INT59&&ver=en](http://stangelas.nuigalway.ie/departments/course_details.php?id=INT59&&ver=en)

## YOU MIGHT ALSO LIKE

- AS110 Bachelor of Nursing Science (General)
- GY516 Bachelor of Mental Health Nursing

## FIND OUT MORE

**t.** +353 71 9135603

**e.** [soconnor@stangelas.nuigalway.ie](mailto:soconnor@stangelas.nuigalway.ie)

**w.** [www.stangelas.nuigalway.ie/departments/course\\_details.php?id=AS130andandver=en](http://www.stangelas.nuigalway.ie/departments/course_details.php?id=AS130andandver=en)

## Graduate Insight

“Galway has a unique environment which is ideal for all aspects of college life. Everyone is very friendly, the city is compact so everything is within walking distance, and there is ample opportunity for socialising.

Studying medicine in Galway was brilliant. I started in Foundation Year (i.e., the six-year course) which gave me time to find my feet, make lots of friends, and realise that I had chosen the right course for me. The School of Medicine in NUI Galway encourages early clinical exposure and contact with patients, which translates to confidence in later years when starting work as an intern. I also spent one year in an academy in Donegal (other options include Mayo, Sligo and Portlinculla) and this was another opportunity to make better friends with a smaller group as well as develop skills in an environment with even more direct tutoring.”

**Darragh Browne,**  
Medicine Graduate, GY501.







# College of Science

At NUI Galway, the Bachelor of Science degrees are research-led programmes which are structured yet flexible, allowing students to take a variety of subjects and explore their interests and passions, providing a sound basis for a variety of careers.

**Jonathan Adeleye**

2nd Year, Bachelor of Science (GY301)

GY301

# Bachelor of Science

## WHY CHOOSE THIS COURSE?

- ▶ This is the most popular degree in the College of Science
- ▶ This degree allows you to specialise step by step as you progress from year to year. It is the ideal choice for students who want to explore their scientific interests further before committing to a particular specialism
- ▶ With clear pathways to nineteen different degree-level specialisations across the full range of scientific activities, this degree is a great choice for students who already have one of these destinations in mind
- ▶ Industry leaders point to the need for more science graduates to retain and build on the economy's competitiveness. With climate change and ongoing food and energy resource challenges to sustainable development, the requirement for scientific solutions to the problems mankind faces is as great as ever

## COURSE FACTS

**CAO Code:** GY301

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 401

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e., Chemistry, Physics, Biology, Physics with Chemistry (joint), Computer Science or Agricultural Science) and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 300

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

Students are provided with a foundation in science and take four modules selected from:

- Applied Mathematics, Biology, Chemistry, Computer Science, Mathematics and Physics.

### YEARS TWO, THREE AND FOUR

- Students generally take 3 pathways in 2nd year, 2 pathways in 3rd Year and specialise in 1 pathway in 4th Year.
- A variety of electives are offered across all years depending on pathway choices.
- A quota system applies to 2nd Year pathways.

### Pathways:

- Anatomy
- Applied Mathematics
- Biochemistry
- Botany and Plant Science
- Chemistry
- Computing
- Data Science
- Earth and Ocean Sciences
- Mathematics
- Mathematics and Applied Mathematics
- Mathematical Studies and Computing
- Mathematics and Computing
- Medicinal Chemistry
- Microbiology
- Pharmacology
- Physics and Applied Physics
- Physiology
- Plant and AgriBiosciences
- Zoology

## STUDY ABROAD

Students have the opportunity to apply to spend one semester of third year in the USA (e.g., University of California or John Carroll University, Ohio) or in Asia (e.g., Hong Kong University of Science and Technology.)

## CAREER OPPORTUNITIES

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, information technology (IT), government, regulatory affairs, investment banking, consulting, marketing, research and third-level education. Some careers of graduates include:

- Medical Device Researcher
- Ecologist
- Lab Technician
- Research Scientist
- Software Engineer
- Data Analyst
- Science Journalist
- Quality Controller
- Science Outreach Officer
- Environmental Consultant
- Microbiologist
- Science Teacher
- Financial/Business Analyst
- Scientific Sales Representative
- Meteorologist

Our science graduates are seen by industry representatives 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. Further details on career opportunities are listed under each subject area below.

#### FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](https://nuigalway.ie/courses/taught-postgraduate-courses/)

#### FIND OUT MORE

College of Science

**t.** +353 91 492182

**e.** [science@nuigalway.ie](mailto:science@nuigalway.ie)

**w.** [nuigalway.ie/GY301](https://nuigalway.ie/GY301)

#### YOU MIGHT ALSO LIKE

- BSc GY308 Environmental Science
- BSc GY320 Physics, Astrophysics, Biomedical, Theoretical
- BSc GY313 Environmental Health and Safety

**The following pages will give you a short insight into the degree pathways available with a Bachelor of Science degree at NUI Galway.**



# Pathway Descriptions and Career Opportunities

## ANATOMY

### WHY ANATOMY AT NUI GALWAY?

Anatomy is for those interested in the intricacies of the body. Anatomists specifically deal with the structure of the human body, from the whole organism down to the nanoscale, subcellular level. The modules offered cover the microscopical study of cells and tissues (histology/cell biology), embryonic development (embryology), the brain and nervous system (neuroanatomy) and comprehensive human dissection (gross anatomy). Students specialising in anatomy are trained in advanced research and biological imaging techniques.

What careers does a degree in anatomy lead to? Graduates in Anatomy have established successful careers in education and biomedical research; a proportion of graduates have chosen to undertake further training in healthcare and related fields.

## APPLIED MATHEMATICS

### WHY MATHEMATICS AT NUI GALWAY?

Applied mathematics uses mathematical tools and models to address real-world problems. It helps to explain and describe what we know and, possibly, to predict what we don't know about a given set of objects or circumstances. Applied Mathematics at NUI Galway includes courses in advanced mathematical methods, modelling, mechanics, quantum mechanics, dynamical systems, nonlinear elasticity, cosmology and general relativity, electromagnetism, fluid mechanics and numerical analysis, all geared toward inter-disciplinary applications.

### CAREER OPPORTUNITIES

Being able to develop mathematical models and apply them in practical settings will prove extremely useful career wise. Graduates have found employment in computer software and hardware companies, in the telecommunications sector, in financial and actuarial institutions, in teaching, and in pursuing research at postgraduate level in Ireland and abroad.

## BIOCHEMISTRY

### WHY BIOCHEMISTRY AT NUI GALWAY?

If you are interested in the biological sciences, have an enquiring mind and want to understand living processes at a molecular level, the Biochemistry course should be of interest to you. There are many exciting developments underway in biochemistry, with, for example, the sequencing of the human and other genomes, advances in stem cell research and the development of new nanoscale technologies that allow biochemists to study life in ever more detail. There are new openings for applying this knowledge in the diagnosis and treatment of diseases, in the development of useful new products and in developing novel drugs that can, for example, combat viruses and treat cancer and many other conditions.

### CAREER OPPORTUNITIES

Graduates in Biochemistry have many career opportunities in the bioscience sector, including the biotechnology and pharmaceutical industries, biomedical and forensics laboratories, the agribusiness sector, the nutrition and food industry and scientific policy making. There are also opportunities in complementary careers, including sales and marketing, science journalism and teaching. Many graduates also go on to further research for MSc and PhD degrees or to obtain other postgraduate qualifications.

Biochemistry graduates can also apply for graduate entry degrees in, for example, medicine or pharmacy.

## BOTANY AND PLANT SCIENCE

### WHY BOTANY AND PLANT SCIENCE AT NUI GALWAY?

Plant science knowledge and innovation is critically important to meet the resource needs of the growing human population: to ensure future sustainable development on our planet, and to protect our environment. But plants are threatened by anthropogenic impacts and climate change. Botany and Plant Science is the study of plants and other photosynthetic organisms (e.g., algae) across all environments (terrestrial, freshwater, marine), and the organisms with which they interact in the natural world. At NUI Galway, the diversity, function

and applications of plants and algae are studied through integrated lecture and practical modules, exploring ecosystems, communities, species, individuals, tissues, cells and molecules (e.g., genetics, molecular biology and biochemistry).

### CAREER OPPORTUNITIES

A Botany and Plant Science degree ideally positions students for emerging, and rapidly growing, 'green' economy and 'blue' (marine) economy opportunities across a range of industries and sectors. These include marine/plant biotechnology, food, fermentation, drug discovery, genetics, wildlife protection, ecology, environmental monitoring, biodiversity, bioenergy and agriculture. Past graduates work in education, science journalism, conservation and habitat restoration, sustainable development, regulatory affairs and government policy sectors. The diverse graduate employment opportunities thus range from environmental organisations (e.g., National Parks and Wildlife Services, Environmental Protection Agency, conservation consultancy) to education (second and third level), research institutes (e.g., Marine Institute) and food/biotech industries.

## CHEMISTRY

### WHY CHEMISTRY AT NUI GALWAY?

Chemistry is a central subject in science and is useful to those who specialise in many other subjects. It provides an important contribution to solving the needs of society and can provide the knowledge for economic development, with applications in computing, medical devices, materials, energy, nanotechnology, biotechnology, drug discovery, pharmaceuticals, biopharmaceuticals, the environment, biology and medicine. The broadly educated chemist can focus on core topics as well as work with biologists, physicists, clinicians and engineers. The School of Chemistry at NUI Galway has expertise in many of these areas, and the BSc in Chemistry provides an education which graduates use to pursue a variety of careers. The Chemistry BSc programme has received international accreditation by the Royal Society of Chemistry. Students can compete for industrial placements in Year 3.

**CAREER OPPORTUNITIES**

A wide variety of employment opportunities are available for chemistry graduates, in areas such as the chemical and (bio) pharmaceutical industries, forensics, local and central government, environmental services and education. Those interested in research can obtain postgraduate qualifications in chemistry and work in academic institutions, government agencies or industry. Chemistry graduates are also found to be employable in other areas, where the skills they have acquired are highly valued by a wide range of employers. These include, but are not limited to, banking, marketing, technical writing, journalism and the wider public sector.

**COMPUTING****WHY COMPUTING AT NUI GALWAY?**

Computer science is the study of how computers work and how to use them to solve problems. With the advances being made in computer technology, this is an exciting area to be involved in. Computer science typically involves creating mathematical models and implementing these in software. As well as programming skills, it requires an understanding of computational techniques, approximation and numerical methods. You will begin by studying computer programming, computer hardware and software design. You will also study logic and algorithms, operating systems (Windows and Linux), networking and communications, and security and cryptography, and become familiar with commercial scientific software for symbolic and numeric computation.

**CAREER OPPORTUNITIES**

Many graduates work directly in the information technology (IT) industry, particularly in programming, software development and communications. An increasing number are working in financial services, where their computer programming skills and problem-solving abilities are valued. They are also well placed for careers in areas like education, banking, data science, and the public sector.

**DATA SCIENCE****WHY DATA SCIENCE AT NUI GALWAY?**

Data science is the twenty-first century evolution of statistics, computing and mathematics for the big-data world. Statistical skills address all aspects of handling, visualising and interpreting data to extract and communicate knowledge from data in order to make reliable inferences and predictions. A crucial aspect of all statistical analysis is uncertainty, and mathematics provides a framework for the necessary tools.

Modern data come in many forms including emails, video, social media posts, case notes, etc.; computing skills are needed to store, access, distribute, and utilise such unstructured data. By studying data science you will be exposed to the multidisciplinary interaction of statistics, computer science and mathematics, a crucial skill set for employment in a new data-driven era.

**CAREER OPPORTUNITIES**

A qualification in data science provides the ideal skillset for a career in any sector that involves data (e.g., digital technology, e-commerce, social networking, telecommunications, financial, elite sports, entertainment, healthcare, gaming, academia, etc.) giving you the opportunity to align your profession to your own personal interests in a highly lucrative job market.

**EARTH AND OCEAN SCIENCES****WHY EARTH AND OCEAN SCIENCES AT NUI GALWAY?**

Earth and ocean sciences involve the study of the physical and chemical processes that affect planet, earth and its oceans, the management and conservation of resources, and the study of past and present environments. Four sub-disciplines are included: geology, geophysics, hydrogeology and oceanography.

**CAREER OPPORTUNITIES**

Graduates with a degree in earth and ocean sciences can find a career in a wide range of earth and marine environmental subjects which span; hazard assessment; mineral and hydrocarbon resource prospecting and extraction and environmental assessment and protection, including water resource protection and flood risk assessment; civil engineering; and science based education and outreach activities.

**GEOLOGY****WHY GEOLOGY AT NUI GALWAY?**

Geology is the study of the earth beneath our feet, from the surface to the centre of our planet. It underpins hazard assessment, aggregate, mineral, oil and water resource prospecting, and civil engineering applications, serving the needs of our industrial and technological society while, at the same time, building awareness of the need to protect the natural environment.

**CAREER OPPORTUNITIES**

Graduates in Geology will typically find employment in the petroleum and mineral exploration industries, national geological surveys, environmental assessment organisations, consulting companies, remote-sensing firms and third-level teaching and research.



## GEOPHYSICS

### WHY GEOPHYSICS AT NUI GALWAY?

Geophysics is the application of physics to the investigation of the earth and its surrounding planets. Geophysical techniques are used in the geological, hydrological, atmospheric, ocean and space sciences. In NUI Galway, geophysics focuses on plate tectonics and the structure and dynamics of the seabed; on environmental geophysics (how cultural and natural processes affect one another); and on the commercial exploitation of subsurface physical properties, such as oil, gas and mineral resources.

### CAREER OPPORTUNITIES

Geophysics graduates are in demand across the environmental and marine sectors, including the hydrocarbon and mineral exploration industries.

## HYDROGEOLOGY

### WHY HYDROGEOLOGY AT NUI GALWAY?

Hydrogeology deals with the relationships between groundwater and geological materials and processes. Groundwater provides 98% of the Earth's readily available fresh water and is arguably our most important natural resource.

### CAREER OPPORTUNITIES

Hydrogeologists gain employment in the private and public sectors in assessing and devising management plans for groundwater—from mine and quarry water management to site-suitability assessment for everything from wind farms to motorways to single houses. Climate change is likely to have a big impact on water resources across the world over the coming decades, and hydrogeologists will be needed to help many countries and communities adapt.

## MATHEMATICS

### WHY MATHEMATICS AT NUI GALWAY?

Mathematics is the language of the logical study of the structure of our world. It has developed from counting, calculating and measurement through the use of abstraction and logical reasoning. It underpins many other disciplines, such as physics, economics and engineering, along with newer areas like molecular biology. In addition to the traditional areas of algebra, calculus and geometry, you will study courses in topology, statistics, numerical analysis, coding theory, real and complex analysis, and probability and number theory.

### CAREER OPPORTUNITIES

Studying mathematics will give you the ability to think rationally and to process complex data clearly and accurately. Such skills will prove to be extremely useful

to you and will be highly valued by your employer. Recent graduates are pursuing careers in the financial and banking sector, the actuarial profession, information technology (IT) and computing, data science, teaching, and research.

## MEDICINAL CHEMISTRY

### WHY MEDICINAL CHEMISTRY AT NUI GALWAY?

Medicinal chemists play vital roles in drug discovery and development. They are vital in addressing health problems such as resistance to antibiotics, cancer, all types of infection, and diseases of the brain and nervous system. Medicinal chemists work to design, discover and develop the next generation of drugs.

### CAREER OPPORTUNITIES

Medicinal chemistry graduates are highly employable with opportunities in chemical and pharmaceutical industries, forensics, agri-food, environmental services, education and teaching. Many graduates pursue research careers and continue studies at the MSc and PhD levels.

## MICROBIOLOGY

### WHY MICROBIOLOGY AT NUI GALWAY?

Microbiologists study microbes and their activities, including their growth, metabolism, genetics, diversity and evolution. Every aspect of life on Earth is affected by micro organisms, and studying them provides insights into their roles in such areas as infectious disease, food production and global environmental cycles, and their potential application for human, environmental and animal benefit.

### CAREER OPPORTUNITIES

The food, pharmaceutical, biomedical and biotechnological industries need microbiologists to develop new products and to monitor the production of existing ones. Microbiologists also devise processes for the treatment of waste and production of renewable energy. Pharmaceutical, biotechnology and medical device companies, as well as hospitals, employ microbiologists to work in the diagnosis, prevention and treatment of infections caused by microbial pathogens. Excellent career opportunities are also available in research and teaching.

## OCEANOGRAPHY

### WHY OCEANOGRAPHY AT NUI GALWAY?

Oceanography is key to understanding all aspects (physical, biological, chemical) of the ocean, therefore oceanographers are required to assess and monitor climatic/environmental impacts, and natural/man-made hazards in oceans and coastal areas. Scientific exploration of the

oceans underpins advances in ecosystem research management and conservation, aquaculture techniques, bio-discovery, renewable energy resources and climate research.

### CAREER OPPORTUNITIES

Oceanographers are needed to help survey our vast underwater territories, assist the sustainable exploitation of our marine resources, assess climate change, and to provide advice to managers, policy makers and the public about the importance of the oceans.

## PHARMACOLOGY

### WHY PHARMACOLOGY AT NUI GALWAY?

Pharmacology is the study of how chemical substances, such as drugs, interact with the body to produce either beneficial or harmful effects. This course aims to provide an understanding of the challenges involved in the development of drugs to treat and prevent disease. The molecular, biochemical and physiological basis of disease and the mechanisms by which drugs act to produce their effects are studied in detail.

### CAREER OPPORTUNITIES

Pharmacology graduates often pursue postgraduate research or are engaged in research and development in academic, hospital or industrial settings. They are employed by companies such as Boston Scientific, Medtronic, Abbott, Oriflame and Allergan, working in a range of roles from research to drug regulation to marketing.

## PHYSICS

### WHY PHYSICS AT NUI GALWAY?

Physicists seek to understand the basic laws governing the structure of matter, the nature of energy, and the physical forces that form our world. If you have an enquiring mind and are interested in discovering how things work at a fundamental level, then this could be the course for you. Understanding physics can also be very useful for those who may specialise in other science subjects, as it underpins many areas of science and technology, including nanotechnology, microelectronics, imaging, communications, renewable energy and environmental monitoring. It provides the foundation for many new technologies and advances across the biological and chemical sciences, engineering, computing and medicine.

### CAREER OPPORTUNITIES

A degree in physics is an excellent basis for employment in high-technology industries (e.g., communications, electronics, optics and photonics, semiconductors and medical devices)

and also within the second- and third-level education sectors, meteorology, the environmental and medical sciences, finance and software design. A physics degree can also lead to an exciting career in research if you specialise in an aspect of the subject or in multidisciplinary areas such as nanotechnology, medical physics, biophysics, occupational health or materials science.

## PHYSIOLOGY

### WHY PHYSIOLOGY AT NUI GALWAY ?

Physiology is the study of the functions of the body and its component tissues, cells and fluids. It explains the mechanisms of movement and their control, as well as body secretions and their roles, the action of muscle, the constituents and activities of cells, the pumping action of the heart, digestion and the absorption of foodstuffs, respiration and metabolism, the regulation and control of bodily functions, and the roles of the brain.

### CAREER OPPORTUNITIES

Graduates in Physiology normally find employment in the academic and teaching professions and in the pharmaceutical and biotechnological industries.

## PLANT AND AGRIBIOSCIENCES

### WHY PLANT AND AGRIBIOSCIENCES AT NUI GALWAY?

The new Plant and AgriBiosciences (PAB) pathway provides cutting-edge training in all areas of plant/agribiosciences related to green (agri) biotechnologies, crop and livestock genetics and breeding, systems biology, microbial bioconversions and agri-biorefineries, sustainable agricultural development and agronomy, nutrition and health, food microbiology, soil sciences and agribiosciences for sustainable global development. Inter-disciplinary training is provided in lab and field techniques, data analysis, and transferable skills. This pathway also has close collaborations with Teagasc, allowing students to carry out a summer internship at a Teagasc research site as their fourth-year project.

### CAREER OPPORTUNITIES

Plant and agricultural biosciences innovations are critical in ensuring future food security and sustainable development through discoveries in Ireland and internationally and are the basis for moving toward a more sustainable green, bio-based economy. The PAB pathway positions you for emerging 'green economy' job opportunities across agri-biosciences, biotechnology, breeding, genetics, bio-chemistry, food, nutrition, bioenergy, agriculture, veterinary

pharmaceutics, education, biobusiness, sustainable development, clean-tech, regulatory affairs and government policy sectors. The PAB pathway has a major focus on preparing students for careers in the vibrant plant and agribiosciences sector through its links with national (e.g., Teagasc, Bord Bia) and international organisations (e.g., FAO, CGIAR).

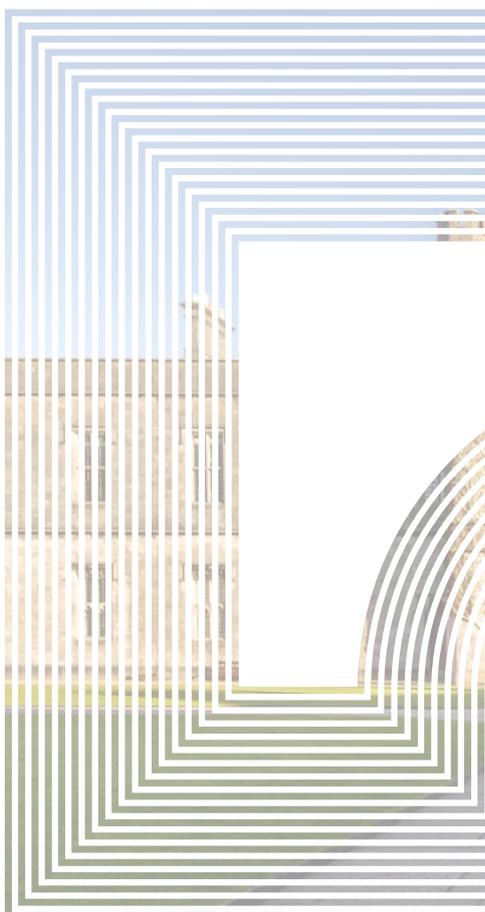
## ZOOLOGY

### WHY ZOOLOGY AT NUI GALWAY?

Zoology is the scientific study of animals at all levels, from the molecular and cellular to the organismic and ecological. It involves the study of all kinds of animals—there are more than a million known species, classified into about 35 large groups called phyla, which make up the animal kingdom. Particular emphasis is put on the development of animals, from the fertilised egg to their typical adult form, the interactions of animals with each other and with their environment, and Darwinian evolution.

### CAREER OPPORTUNITIES

Zoology graduates can pursue careers in research (academic and industry), teaching (at any level) or consultancy. Zoologists may also be employed by government bodies such as the Marine Institute, Bord Iascaigh Mhara, the National Parks and Wildlife Service or the Environmental Protection Agency, or may work in the fields of scientific journalism, forensic science, aquaculture, animal conservation or medical zoology.



GY303

# Bachelor of Science (Biomedical Science)

## WHY CHOOSE THIS COURSE?

- ▶ NUI Galway is Ireland's leading university for biomedical teaching and research
- ▶ Nine of the world's top ten medtech companies are located in Galway, which means that graduates have excellent employment prospects
- ▶ Biomedical science is the study of life science subjects related to human health and disease. Students learn about the structure and function of the human body, from the level of organs and tissues to the molecular level, as well as how drugs are used to treat disease
- ▶ The course promotes small-group learning throughout, and informal interaction with academic staff allows students to get to know their lecturers and helps promote a range of skills, such as communication, leadership, teamwork and creativity

## COURSE FACTS

**CAO Code:** GY303

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 531

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint), Computer Science or Agricultural Science) and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

### Additional requirements:

Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 45



"I enjoyed the breadth of subjects, which covers the fundamentals right through to applied and translational biomedical science"

Muireann Ni Bhaoighill  
BSc (Biomedical Science)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Biology
- Chemistry
- Physics
- Biomedical Science (including science communication, essays, debates)

### YEAR TWO

- Three pathways 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 pathway from:
  - Anatomy, Biochemistry, Pharmacology or Physiology (including mini research project)
- Genetics
- Biostatistics and Bioinformatics
- Research Methods in Biomedical Science
- Developmental Biology
- Human Nutrition

## YEAR FOUR

One major pathway from:

- Anatomy, Biochemistry, Pharmacology or Physiology (including major research project)
- Applications of Biomedical Science
- One other module from any of the four
- Biomedical Science Discipline

## STUDY ABROAD

Students have the opportunity to apply to spend one semester of third year in the United States (e.g., University of California) or in Asia (e.g., Hong Kong University of Science and Technology).

## CAREER OPPORTUNITIES

This degree is dedicated to producing top quality graduates who have achieved academic excellence. 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.

## FURTHER STUDY

Graduates can pursue a MSc or PhD in many diverse areas, including molecular and cell biology, cancer, genetics, regenerative medicine and neuroscience. Graduates can also take professional degrees in the health sciences (e.g., Medicine, Pharmacy, Physiotherapy, and Dietetics). For more information, visit [nuigalway.ie/biomedicalscience](http://nuigalway.ie/biomedicalscience)

## YOU MIGHT ALSO LIKE

- GY501 Bachelor of Medicine (MB), of Surgery (BCh) and of Obstetrics (BAO)
- GY318 Bachelor of Science (Biopharmaceutical Chemistry)
- GY301 Bachelor of Science
- GY304 Bachelor of Science (Biotechnology)

## FIND OUT MORE

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GY304

# Bachelor of Science (Biotechnology)

## WHY CHOOSE THIS COURSE?

- ▶ Biotechnology uses our knowledge of biology to solve real-world problems. It is about making use of molecules, cells and organisms to provide medicines and foods, enable forensics or reverse pollution
- ▶ Class sizes in biotechnology are small, which means you get to know your classmates quickly and interact more with your lecturers
- ▶ The language (French or German), communication and business modules help our students stand out from other science graduates
- ▶ The third-year placement option enables students to spend 3–6 months in research labs in continental Europe or in biopharma industry in Ireland

## COURSE FACTS

**CAO Code:** GY304

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 454

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English and another language, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) Computer Science or Agricultural Science), and any other subject recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 28



“The variety of science subjects gives a solid foundation, and the placement, business and language modules help us stand out from other science graduates”

Alex Corrigan, BSc (Biotechnology)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Biotechnology Concepts and Skills
- Biology
- Chemistry
- Statistics and Probability, and Programming
- Language (French or German)

### YEAR TWO

- Biotechnology Skills
- Biochemistry
- Microbiology
- Chemistry
- Language (French or German)

### YEAR THREE

- Biotechnology Skills
- Biochemistry
- Microbiology
- Pharmacology
- Placement option
- On-campus option
- Language (French or German)

### YEAR FOUR

- Individual laboratory research project
- Topical scientific literature review
- Biochemistry
- Elective
- Introduction to Business

## WORK PLACEMENT

A highlight of the course is the opportunity to undertake a three- to six-month work experience placement as part of third year. Placements can be based in research laboratories in continental Europe, or in biopharma/biotech industries in Ireland, under the direction of experienced researchers and managers.

## CAREER OPPORTUNITIES

Biotechnologists find employment in rewarding jobs across the growing 'smart economy', including industries such as biopharmaceuticals, diagnostics, healthcare and the environment, or 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 allows them to move into areas such as management and marketing, where the biotech revolution continues to open doors.

## FURTHER STUDY

Biotechnology graduates frequently pursue advanced training and research in PhD, Masters and Graduate Diploma programmes at universities in Ireland and abroad, spanning areas as diverse as biochemistry, pharmacology, environmental science and immunology.

## YOU MIGHT ALSO LIKE

- GY318 Bachelor of Science (Biopharmaceutical Chemistry)
- GY303 Bachelor of Science (Biomedical Science)
- GY301 Bachelor of Science

## FIND OUT MORE

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GY308

# Bachelor of Science (Environmental Science)

## WHY CHOOSE THIS COURSE?

- ▶ This course has been designed to equip you with the multidisciplinary skills and knowledge to meet the inevitable environmental challenges we will face as we progress through the twenty-first century
- ▶ Since the solutions to environmental problems are often dependent on people's perceptions, students also study psychology. Environmental law is also an important part of the BSc and there are opportunities to specialise in topics of your choice in the last two years of the course
- ▶ Communication skills, self-reliance and teamwork are fostered, through both independent and group work
- ▶ NUI Galway is unique in being situated close to some of the most pristine ecosystems in Europe, including Lough Corrib, the Burren, the Shannon flood meadows and a range of peatlands

## COURSE FACTS

**CAO Code:** GY308

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 402

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint), Computer Science or Agricultural Science) and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 23



"Each facet of this programme has provided me with the expertise and confidence to work in the research and consultancy sector."

John Carey, BSc  
(Environmental Science)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Biology
- Hot Topics in Environmental Science
- Introduction to Law
- Introduction to Statistical Data and Probability

With either:

- Chemistry
  - Physics
- or
- Chemistry/Physics
  - Introduction to Psychology I and II
  - Principles of Human Geography

### YEAR TWO

- Environmental Modules
- Botany and Plant Science Modules
- Earth and Ocean Sciences Modules
- Microbiology Modules
- Zoology Modules

### YEAR THREE

- Nature Conservation and Habitat Management
- Field Course with Environmental Skills
- Habitat Management Planning
- Legislation for Environmental Scientists
- Environmental Microbiology
- Microbial Genomics
- Plant Resources and Ecosystems
- Introduction to Biostatistics
- Plus four electives from a wide range of modules

### YEAR FOUR

- Environmental Impact Assessment
- Environmental Science Seminars
- Environmental Biotechnology
- Advanced Field Course in Environmental Science
- Microbial Ecosystems Services and Systems Biology
- Final Year Project
- Plus two electives from a wide range of modules

## STUDY ABROAD

Students have the opportunity to apply to spend one semester of third year in the United States (e.g. University of California) or in Asia (e.g. Hong Kong University of Science and Technology).

## CAREER OPPORTUNITIES

Our graduates work in a diverse range of sectors, both public and private. Recent employers of our graduates include the Environmental Protection Agency, Geological Survey of Ireland, National Parks and Wildlife Service, Teagasc, An Taisce, Waterways Ireland, Forestry Service, National Biodiversity Records Centre, fisheries, Marine Institute, local authorities and private consultancy / engineering companies, in addition to private laboratories.

## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](http://nuigalway.ie/courses/taught-postgraduate-courses/)

## YOU MIGHT ALSO LIKE

- GY310 Bachelor of Science (Marine)
- GY314 Bachelor of Science (Earth and Ocean Sciences)
- GY301 Bachelor of Science

## FIND OUT MORE

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**w.** [nuigalway.ie/GY308](http://nuigalway.ie/GY308)

GY309

# Bachelor of Science (Financial Mathematics and Economics)

## WHY CHOOSE THIS COURSE?

- ▶ This course equips you with expertise in a range of quantitative subjects. It is broader than either a purely actuarial science or finance degree, so it may suit if you are not yet ready to specialise
- ▶ This course has an almost 100% employment record for our graduates across a diverse range of sectors
- ▶ The Institute and Faculty of Actuaries has recognised this programme for the purposes of obtaining exemptions from professional actuarial examinations. For students entering this programme from September 2018 and onwards we expect to have in place exemptions from at least the following three professional actuarial subjects: Actuarial Statistics (CS1), Actuarial Mathematics (CM1) and Business 2 (Business Economics) (CB2)

## COURSE FACTS

**CAO Code:** GY309

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 476

**Minimum A-Level Grades:**

**See** [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a third language or a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes. A H5 or O1 in Mathematics is required.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 30

## YOUR COURSE YEAR BY YEAR

### YEAR ONE:

- Mathematics
- Computer Science
- Economics
- Mathematics of Finance
- Statistics and Probability
- Mathematical Methods I
- Financial Accounting

### YEAR TWO:

- Differential Forms
- Intermediate Macroeconomics
- Probability
- Mathematical Methods I
- Intermediate Microeconomics
- Linear Algebra
- Introduction to Financial Economics
- Computer Science

- Discrete Mathematics
- Modelling, Analysis and Simulation
- Statistical Inference
- Complex Analysis

### YEAR THREE

- Applied Regression Models
- Groups
- Microeconomics and Public Policy
- Annuities and Life Insurance
- Money and Banking
- Metric Spaces
- Economics of Financial Markets
- Macroeconomics and Public Policy
- Actuarial Mathematics I
- Business Finance
- Mathematical Modelling
- Topology

### YEAR FOUR

- Actuarial Mathematics II: Life Contingencies
- Numerical Analysis
- Measure Theory
- Final Year Project (over two semesters)
- Non linear Systems
- Derivatives and Risk Management
- Economics of Financial Markets Seminar II
- Networks
- Stochastic Processes
- International Monetary Economics

- Differential Equations with Financial Derivatives

## STUDY ABROAD

Students have the opportunity to apply to spend one semester of third year in Asia, the EU, or the USA. In addition, students from this programme have been chosen in recent years to participate as interns in New York under the Ireland-US Council scholarship programme.

## CAREER OPPORTUNITIES

Graduates from this programme work primarily in financial services. Recent employers of our graduates include J.P. Morgan, Goldman Sachs, Davy, Credit Suisse and First Derivatives, Mercer, AON Hewitt, Central Bank of Ireland, NTMA and ECB. Moreover, because of their strong numeracy skills, graduates have also secured employment as sports odds compilers with Paddy Power and as accountants.



"I was chosen from my degree class to participate in the Ireland-US Council Scholarship."

Maria Gormally, BSc (Financial Mathematics and Economics)

## FURTHER STUDY

Graduates can pursue postgraduate programmes in a range of disciplines, including mathematics, statistics, financial economics, financial mathematics, actuarial science, economics and statistics.

## YOU MIGHT ALSO LIKE

- GY301 Bachelor of Science
- GY319 Bachelor of Science (Mathematical Science)

## FIND OUT MORE

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School of Business & Economics

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GY310

# Bachelor of Science (Marine Science)

## WHY CHOOSE THIS COURSE?

- ▶ Marine Science involves the study of marine life and environments integrating topics across a number of disciplines
- ▶ NUI Galway is the only Irish university offering this type of degree programme and now has the highest concentration of marine scientists of any institution in Ireland
- ▶ The Ryan Institute is a focus for teaching and research activity in Marine Sciences at the university. The Ryan Institute's aquaculture facility carries out applied research at Carna
- ▶ Marine Science graduates are working and studying both worldwide and closer to home, including at the Marine Institute in Oranmore

## COURSE FACTS

**CAO Code:** GY310

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 421

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 33



"I would recommend Marine science to anyone who has an interest in the ocean. The course covers topics in oceanography, zoology, botany, and geology. I enjoyed the final year in particular due to the independent research project which allowed me to go to sea on the Celtic Explorer."

Declan Morrissey

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

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

### YEAR TWO

- Fundamentals in Aquatic Plant Science
- Introduction to Ocean Science
- Microbes and the Environment
- Invertebrate Biology
- Vertebrate Zoology
- At least two of the following:
  - Molecular and cellular biology
  - Evolution and the Tree of Life
  - Laboratory Skills
- Plus electives

### YEAR THREE

- Plant Resources and Ecosystems
- Ocean Dynamics
- Aquatic Geochemistry
- Microbial Genomics
- Geographic Information Systems and Biostatistics
- Marine Zoology
- Concepts in Population and Community Ecology
- Plus electives

### YEAR FOUR

- Marine Science Essay and Presentation
- Field Skills in Marine Science
- Research Project
- Plus electives, including
  - Current Topics in Algal Research
  - Global Change
  - Microbial Ecosystems Services and Systems Biology
  - Marine and Coastal Ecology

### STUDY ABROAD

Students have the opportunity to apply to spend one semester of third year in the United States (e.g. University of California) or in Asia (e.g. Hong Kong University of Science and Technology). There is also an Erasmus link with the University of Oviedo in Spain.

### CAREER OPPORTUNITIES

The course will prepare you to find work in the commercial or state regulatory sectors, e.g., the Marine Institute, Bord Iascaigh Mhara and the Environmental Protection Agency, as well as in the fisheries sector, pollution and environmental impact assessment, environmental consultancies, non-governmental (environmental) organisations, aquaculture, education projects, basic and applied research institutes and universities. Many undergraduates apply for summer bursaries with the Marine Institute, which enables them to experience first-hand the institute's work and research for six weeks.

## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](http://nuigalway.ie/courses/taught-postgraduate-courses/)

### YOU MIGHT ALSO LIKE

- GY314 Bachelor of Science (Earth and Ocean Sciences)
- GY308 Bachelor of Science (Environmental Science)
- GY301 Bachelor of Science

### FIND OUT MORE

Professor Mark Johnson, Programme Director, College of Science

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GY313

# Bachelor of Science (Environmental Health and Safety)

## WHY CHOOSE THIS COURSE?

- ▶ This multidisciplinary course is designed to provide graduates with the knowledge and skills necessary to ensure the welfare and well-being of people at work
- ▶ Students benefit from a seven-month professional work placement at the end of Year 3
- ▶ Accredited by the Institution of Occupational Safety and Health, enabling graduates to work in a health and safety role both at home and internationally
- ▶ In recent years there has been a significant increase in the number of health and safety positions advertised

## COURSE FACTS

**CAO Code:** GY313

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 367

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

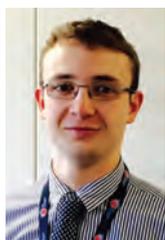
### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint), Computer Science or Agricultural Science) and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 28



"I was offered a position as a full-time Health and Safety Advisor, my employer told me it was primarily down to my excellent degree from NUI Galway"

Alex Brennan, BSc (Environmental Health and Safety)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Biology
- Mathematics
- Chemistry/Physics
- Communications and Computing
- Introduction to Environmental Health and Safety
- Introduction to Law

### YEAR TWO

- Human Gross Anatomy
- Health and Safety Physiology
- Introduction to Biostatistics
- Health and Safety Law
- Physics of the Environment
- Analytical and Environmental Chemistry
- Microbes and the Environment
- Fundamentals of Operations Engineering
- Safety System Design
- Environmental Health and Safety Practice

### YEAR THREE

- Occupational Health and Well-Being
- Exposure Science
- Research Methods for Occupational Health and Safety
- Environmental Health and Safety Law
- Project Management
- Ergonomic Design of the Workplace
- Safety and Construction
- Quality Systems
- Introduction to Regulatory Affairs in Manufacturing

### YEAR FOUR

- Health and the Work Environment
- Case Studies
- Information Systems Ergonomics
- Professional Experience Report
- Human Reliability
- Health and Safety Project

## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](http://nuigalway.ie/courses/taught-postgraduate-courses/)

## YOU MIGHT ALSO LIKE

- GY308 Bachelor of Science (Environmental Science)
- GY310 Bachelor of Science (Marine Science)
- GY314 Bachelor of Science (Earth and Ocean Sciences)

## WORK PLACEMENT

Students undertake a seven-month (June-December) off-campus work placement following completion of their third year of study. Employers from all sectors of the economy participate in this activity, for example, pharmaceutical and biomedical device companies, the healthcare sector, construction companies, local authorities, manufacturing companies, telecom service providers, health and safety consultants, and transport and logistics companies.

## STUDY ABROAD

There are opportunities for international exchanges and a number of students undertake their work placement overseas.

## CAREER OPPORTUNITIES

There is consistently high demand for graduates from this programme, with excellent employment opportunities. Career opportunities are available nationally and internationally. Typically graduates work as Environmental Health and Safety (EHS) advisors, EHS officers, and EHS consultants across a variety of sectors including: pharmaceutical, biomedical, construction, project engineering, manufacturing, and public sectors. Employment rates for graduates are over 80%.

## FIND OUT MORE

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GY314

# Bachelor of Science (Earth and Ocean Sciences)

## WHY CHOOSE THIS COURSE?

- ▶ Earth and ocean sciences, four integrated sub-disciplines of geology, geophysics, hydrogeology and oceanography are focused on better understanding how the Earth works, and how its different components interact, from the upper atmosphere to the deep seafloor
- ▶ This course exposes graduates to a global career market, from sourcing raw materials and energy to regulating and monitoring industries, in Ireland and globally
- ▶ The earth and ocean sciences sector is worth in excess of €5 billion annually to the Irish economy

## COURSE FACTS

**CAO Code:** GY314

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 400

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint), Computer Science or Agricultural Science) and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 30

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Chemistry
- Physics
- Biology
- Plus one of the following:
  - Mathematical Studies
  - Mathematics
  - Applied Mathematics

### YEAR TWO

- The Earth: From Core to Crust
- Introduction to Field Skills
- Introduction to Ocean Science
- Plus one pathway from the following:
  - Applied Mathematics
  - Botany and Plant Science
  - Chemistry
  - Mathematical Studies
  - Mathematics
  - Microbiology
  - Physics and Applied Physics
  - Plant and AgriBiosciences
  - Zoology
- Plus electives from a range of science modules

### YEAR THREE

- Field Skills Training
- Ocean Dynamics
- Aquatic Geochemistry
- Introduction to Applied Field Hydrology
- Sediments and the Sedimentary Record
- Geological Structures and Maps
- The Crystalline Crust
- Palaeontology and Evolution
- Environmental and Marine Geophysical Remote Sensing
- Plus electives from a range of science modules

### YEAR FOUR

- Final Year Project
- Advanced Fieldskills
- Global Change
- Earth and Ocean Science advanced modules

## STUDY ABROAD

Students have the opportunity to apply to spend one semester of third year in the United States (e.g. University of California) or in Asia (e.g. Hong Kong University of Science and Technology).

## CAREER OPPORTUNITIES

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.

Visit [www.earthworksjobs.com](http://www.earthworksjobs.com)

to get an idea of the enormous range of opportunities for earth and ocean scientists.



"This course merges lecture-based theory with hands-on fieldwork experience,"

Eoghan Daly, BSc  
(Earth and Ocean Sciences)

## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](http://nuigalway.ie/courses/taught-postgraduate-courses/)

## YOU MIGHT ALSO LIKE

- GY310 Bachelor of Science (Marine Science)
- GY308 Bachelor of Science (Environmental Science)
- GY320 Bachelor of Science (Physics-degree options in applied, Astrophysics, Biomedical, Theoretical)

## FIND OUT MORE

Dr Martin White, Programme Director,  
College of Science

**t.** +353 91 493214

**e.** [martin.white@nuigalway.ie](mailto:martin.white@nuigalway.ie)

**w.** [nuigalway.ie/eos](http://nuigalway.ie/eos)

**w.** [nuigalway.ie/GY314](http://nuigalway.ie/GY314)

GY318

# Bachelor of Science (Biopharmaceutical Chemistry)

## WHY CHOOSE THIS COURSE?

- ▶ This course involves the study of biomolecules that are also biopharmaceuticals or biologics (such as DNA, proteins, carbohydrates and glycoproteins) and their applications as therapeutics for medicine
- ▶ The Biopharmaceutical Chemistry course has a relatively small intake of students and includes opportunity for research and independent learning
- ▶ The programme is accredited by the Royal Society of Chemistry
- ▶ Students obtain valuable work experience in industry and a six-month placement is possible in Semester 1 of Year Four

## COURSE FACTS

**CAO Code:** GY318

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 487

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint), Computer Science or Agricultural Science) and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 10

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Chemistry
- Physics
- Biology
- Plus one of the 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 and Drug Discovery
- Analytical Chemistry and Molecular Structure
- Experimental Chemistry I and II
- Molecular Biology
- Protein Biochemistry
- Human Molecular Genetics
- Validation in the Pharmaceutical and Medical Device Industry

### YEAR FOUR

- Analytical and Biophysical Chemistry
- Bioorganic and Bioinorganic Chemistry
- Biopharmaceutical Chemistry and Industrial Chemistry
- Placement Option
  - Biopharmaceutical Chemistry dissertation
  - Work placement
- On-Campus Option:
  - On-Campus project
  - Elective modules

## STUDY ABROAD

Students have the opportunity to apply to spend one semester of third year in the United States (e.g., University of California) or in Asia (e.g., Hong Kong University of Science and Technology).

## CAREER OPPORTUNITIES

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.



"I feel the opportunity to complete an 8-month industrial placement gives the biopharmaceutical chemistry graduate an edge."

Fiona Gordon, BSc  
(Biopharmaceutical Chemistry)



## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](http://nuigalway.ie/courses/taught-postgraduate-courses/)

## YOU MIGHT ALSO LIKE

- GY301 Bachelor of Science
- GY304 Bachelor of Science (Biotechnology)
- GY303 Bachelor of Science (Biomedical Science)

## FIND OUT MORE

Professor Peter Crowley, School of Chemistry, College of Science

**t.** +353 91 492480

**e.** [peter.crowley@nuigalway.ie](mailto:peter.crowley@nuigalway.ie)

**w.** [nuigalway.ie/GY318](http://nuigalway.ie/GY318)

GY319

# Bachelor of Science (Mathematical Science)

## WHY CHOOSE THIS COURSE?

- ▶ This course provides students with a solid foundation in mathematical science, including all aspects of mathematics and its applications
- ▶ Students will have the opportunity to specialise in particular areas, for example, mathematics, applied mathematics, financial mathematics, computer science, data science, statistics and bioinformatics
- ▶ Quantitative skills are highly valued, and this degree prepares graduates for a wide variety of careers across a diverse range of sectors

## COURSE FACTS

**CAO Code:** GY319

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 450

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate including a minimum of H5 or O1 in Mathematics, and O6/H7 Level in Irish and English.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 15



"I chose this degree because it offered a broad introduction into the various areas of mathematics, with the ability to specialise further down the line. If you are interested in a career in strategy consulting, I would highly recommend this course, as the number-one ability firms seek out is whether their candidates have analytical rigour."

Alan Brett, Business Strategy Consultant, Mars and Co, London; BSc (Mathematical Science, 2016)

## YOUR COURSE YEAR BY YEAR

### YEAR ONE

- Applied Mathematics
- Mathematics
- Probability Models and Statistical Methods
- Introduction to Programming
- One of: Biology, Chemistry, Physics
- Mathematical Science Workshop Series

### YEAR TWO

Curriculum core consists of components from the following modules/pathways:

- Linear Algebra
- Discrete Mathematics
- Differential Forms
- Complex 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.

### YEARS THREE AND FOUR

- Selection of specialised modules from chosen areas of the mathematical sciences. Students can view the range of possibilities on the course website.
- Final-year project in subject area of your choice

## STUDY ABROAD

Students have the opportunity to apply to spend one semester of third year in the USA (e.g., University of California) or in Asia (e.g., Hong Kong University of Science and Technology).

## CAREER OPPORTUNITIES

Many graduates are employed in the financial and actuarial services, while others work in the information technology (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. A good proportion are pursuing careers in research both in Ireland and abroad.

## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduatecourses/#ColSci](http://nuigalway.ie/courses/taught-postgraduatecourses/#ColSci)

[nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/bioinformatics.html](http://nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/bioinformatics.html)

[nuigalway.ie/science/school-of-maths/postgraduate-courses/](http://nuigalway.ie/science/school-of-maths/postgraduate-courses/)

## YOU MIGHT ALSO LIKE

- GY301 Bachelor of Science
- GY109 Bachelor of Arts (Mathematics and Education)

## FIND OUT MORE

Dr Kevin Jennings, Programme Director, College of Science

**t.** +353 91 495968

**e.** [kevin.jennings@nuigalway.ie](mailto:kevin.jennings@nuigalway.ie)

**w.** [nuigalway.ie/GY319](http://nuigalway.ie/GY319)

GY320

# Bachelor of Science

(Physics–degree options in Applied, Astrophysics, Biomedical, Theoretical)

## WHY CHOOSE THIS COURSE?

- ▶ If you have an enquiring mind and are interested in discovering how things work, this could be the course for you
- ▶ This is the only course in the country that allows students a taste of four areas of physics–applied, astro, biomedical and theoretical–in their first year
- ▶ You will develop the numerical, computational and problem-solving skills so highly valued by employers
- ▶ This degree course is externally accredited by The Institute of Physics

## COURSE FACTS

**CAO Code:** GY320

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2018:** 432

**Minimum A-Level Grades:**

See [www.nuigalway.ie/alevels](http://www.nuigalway.ie/alevels)

### Leaving Certificate Entry

**Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint), Computer Science or Agricultural Science) and any two other subjects recognised for entry purposes.

### A-Level/GCSE Entry Requirements:

See page 168 for matriculation entry requirements.

**Average Intake:** 30

## YOUR COURSE YEAR BY YEAR

### 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

## WORK PLACEMENT

Although there is no formal work placement as part of the programme, the School of Physics has strong links with industry and research institutes both nationally and internationally. This has led to our students taking up summer placement opportunities in Ireland and abroad.

## STUDY ABROAD

Students can take up summer placements abroad using research contacts established by the School of Physics.

## CAREER OPPORTUNITIES

A degree in physics is an excellent basis for employment in high-tech 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.



## FURTHER STUDY

[nuigalway.ie/courses/taught-postgraduate-courses/](http://nuigalway.ie/courses/taught-postgraduate-courses/)

## YOU MIGHT ALSO LIKE

- GY301 Bachelor of Science
- GY401 Undenominated Engineering
- GY314 Bachelor of Science (Earth and Ocean Sciences)

## FIND OUT MORE

Dr Gary Gillanders, Programme Director,  
College of Science

**t.** +353 91 492490

**e.** [gary.gillanders@nuigalway.ie](mailto:gary.gillanders@nuigalway.ie)

**w.** [nuigalway.ie/GY320](http://nuigalway.ie/GY320)

# Graduate Insight

"I chose Science at NUI Galway because I loved science but was unsure about which route I wanted to take. NUI Galway has a range of pathways and this allowed me to discover my interest in food science and gave me the foundation I needed to pursue a career as a Quality Officer—a role that I thoroughly enjoy"

**Angela Mc Donagh**

BSc (Physiology), MSc (Nutrition)  
Quality Officer, Dairygold Co-Operative, Cork.







## Your Support Network

At NUI Galway we are committed to providing you with a support network so that you can concentrate on getting the most out of your time at university.

# Scholarships

The following scholarships are available at NUI Galway and are awarded annually to first-year, registered students:

## 1. EXCELLENCE SCHOLARSHIPS

An Excellence Scholarship is awarded to every entrant to a full-time primary degree programme who achieves 560 Leaving Certificate points, excluding Bonus Points. An A-Level applicant from Northern Ireland or the UK with grades of at least A\*A\*A\* & c(AS) will also be awarded the scholarship. The only exception to this is for entrants to Medicine, which has 10 scholarships available based on the combined results of the Leaving Certificate exam and HPAT. The Excellence Scholarships may be held with other scholarships or grants awarded by the university or by an external body. The value of each scholarship in 2019/2020 is €1,500 and it will be available only at NUI Galway for the first year of any full-time primary degree course offered by the university, and only in the session for which it is offered.

## CONDITION OF AWARD

It is essential that you register by the registration due date. Failure to complete the registration requirement will render the student ineligible without further notice. The scholarships will be awarded on the results of the Leaving Certificate or A-Levels examination, except for Medicine, as follows:

1. Not more and not less than six of those subjects accepted by the National University of Ireland for matriculation registration will be taken into account.
2. Scores will be determined by applying values listed under 2C on page 167.
3. In October 2019, scholarships will be awarded to entrants who have achieved the minimum points scores as set out above. The complete scheme can be viewed online at [www.nuigalway.ie/undergraduate-scholarships](http://www.nuigalway.ie/undergraduate-scholarships)

Rachel Lyons, First Year Bachelor of Medicine (GY501), received the Massey Keegan Scholarship in 2017





## 2. NEW: INCLUSIVE CENTENARIES SCHOLARSHIP

In 2016, to mark Ireland's Decade of Centenaries and celebrate the diversity of Irish society, NUI Galway announced a new, merit-based Inclusive Centenaries Scholarship Scheme. This national scheme aims to assist high-achieving, second-level school leavers from Ireland's newest communities to pursue their third-level educational goals at NUI Galway, to realise their full potential and contribute to shaping the Ireland of today and tomorrow.

## 3. SPORTS SCHOLARSHIPS

The University offers sports scholarships to athletes of outstanding calibre who register as students of the university. There are a number of opportunities for sports scholarships at NUI Galway.

## PERFORMANCE POINTS SPORTS SCHOLARSHIP

This scholarship rewards athletes who are performing at the highest levels of their sport while also achieving academically. They receive an additional 40 CAO 'performance points' that can be added to their existing CAO points, for entry to NUI Galway, with the exception of GY501 Medicine. Performance points apply only to courses requiring more than 350 points. Applications for this scholarship close 31 March each year.

## ELITE ATHLETE SCHOLARSHIP

NUI Galway also offers sports scholarships to a number of NUI Galway registered athletes. The scholarship consists of financial assistance and gym membership as well as performance supports such as strength and conditioning coaching, and access to some of Ireland's leading coaches in a range of sports as well as sports psychology and nutrition professionals. We also have an excellent sports medicine and physiotherapy service on campus. The focus of this scholarship is on supporting the students to reach their full potential in their sport while receiving a top-class education. Applications close 31 July each year.

## 4. HELEN M. MORAN SCHOLARSHIP

This scholarship is offered to a student who has demonstrated a high level of achievement in Gaelic Football.

## 5. JAMES MASSEY KEEGAN SCHOLARSHIP

Information about this scholarship, which is awarded on a competitive basis to Mayo students, is available from the Admissions Office.

## FIND OUT MORE

### Student Facilities Levies

[nuigalway.ie/fees](http://nuigalway.ie/fees)

### Grants

[nuigalway.ie/scholarships/](http://nuigalway.ie/scholarships/)

### Sports Scholarships

Mike Heskin,  
Director of Sport and Physical Activity  
**e.** [michael.heskin@nuigalway.ie](mailto:michael.heskin@nuigalway.ie)  
**t.** +353 91 495979  
**w.** [nuigalway.ie/sports](http://nuigalway.ie/sports)

### Scholarships Information

[nuigalway.ie/undergraduate-scholarships/](http://nuigalway.ie/undergraduate-scholarships/)  
[james-massey-keegan-scholarship/](http://nuigalway.ie/james-massey-keegan-scholarship/)

### Financial Assistance

Students with financial difficulties are advised to contact the Student Services Office.  
[nuigalway.ie/student-services/](http://nuigalway.ie/student-services/)



# Accommodation

Moving away from home is a very big step. Finding the right place to live is crucial to a happy and successful university experience.

To help make this move easier for you, the Accommodation Office offers support and advice on making the right choice. You can call to our office, telephone us or check our website.

There are a variety of accommodation options to choose from, and we advise you to consider all of these before making your choice. The options include:

- Student residences
- Owner-occupied accommodation
- Private sector accommodation Students should book into Student Residences in early February (prior to the September when they arrive)

Rents are  
**69%** higher in  
Dublin than Galway

Source: [www.daft.ie/report/ronan-lyons-2018q1-rental](http://www.daft.ie/report/ronan-lyons-2018q1-rental) (2018)



## OWNER-OCCUPIED (SELF CATERING/FOOD PROVIDED)

Owner-occupied accommodation is a very good option for many students, especially in your first year when you need time to adjust to university life. This type of accommodation includes single or shared rooms and covers most bills and, in some cases, meals. It can give you that extra support in a warm family atmosphere while you find your feet and adapt to university life.

This type of accommodation can be found at: [nuigstudentpad.ie/accommodation](http://nuigstudentpad.ie/accommodation)

## NUI GALWAY CAMPUS RESIDENCES-CORRIB VILLAGE AND GOLDCREST

NUI Galway's student residences are comprised of two villages: 764-bed Corrib Village and our new 429-bed residence, Goldcrest Village, (situated beside Corrib Village). Located on the university campus, they provide a home away from home for over 1,000 students from September to May. Campus Living residences are available to NUI Galway students only. From time to time, rooms may be booked on a semester-only basis. Short-term lettings are not possible.

### CORRIB VILLAGE

This is a 764-bed apartment complex comprised of three- and four-bedroom apartments.

### GOLDCREST

This is a 429-bed apartment complex comprised of four- five- and six-bedroom apartments.

Find out more: [campusliving.ie](http://campusliving.ie)

## OTHER STUDENT RESIDENCES

There are eight student residences nearby providing self-catering housing specifically for NUI Galway students. Each student residence is managed independently of the university and is located relatively close to the campus. Application forms are available directly from the individual residences. Contact details are available at:

[nuigalway.ie/accommodation](http://nuigalway.ie/accommodation)

Click on 'Finding Accommodation'.



These self-catering residences comprise:

### DÚNÁRAS

Located on Bishop O'Donnell Road, Dúnáras is approximately 25 minutes' walking distance from the campus. It consists of 112 two- and three-bedroom, self-catering apartments, providing accommodation for 409 students. A free shuttle bus is provided to transport students to NUI Galway.

### GORT NA COIRIBE

Located on the Headford Road, Gort na Coiribe offers 144 self-catering apartments and houses, with between three and six students to each apartment/house. The complex provides for 657 students and is less than 15 minutes' walking distance from the campus.

### CÚIRT NA COIRIBE

Located on the Headford Road, Cúirt na Coiribe is less than 15 minutes' walk from the campus and offers places for 389 students in a variety of self-catering apartments. All rooms are single standard or single en suite.

### THE STUDENT VILLAGE AT MENLO PARK

Located in Terryland, on the Headford Road, the Student Village is 15 minutes' walking distance from the campus. The apartments provide for 140 students and there are 35 two- and three-bedroom apartments with three to five students to each apartment.

### SWUITE

Swuite puts the visitor and student at the heart of everything, as illustrated by the standard of accommodation it delivers. Situated in the ideal location, this is a perfect place for students to study and reside. Its generous-size rooms cater for both single and twin occupancy and are all fitted out with private ensuite bathrooms, ample wardrobe and under-bed storage, a double bed and kitchenette.

## FIND OUT MORE

### CONTACT US

The Student Accommodation Office can help you in your search for accommodation. The office also advises you on various mediation options in disputes and disagreements relating to accommodation issues should they arise.

If you need help or advice on any of the above, please visit our office in Áras Uí Chathail beside the Student Building, Áras na Mac Léinn.

### CENTREPOINT APARTMENTS

Centrepoint is located on the Tuam Road, about 30 minutes' walking distance from campus, and consists of 40 luxury apartments. Single, double, twin and en-suite rooms are available. The apartments provide for 123 students.

### DONEGAN COURT

Donegan Court is located on New Road, less than 10 minutes' walking distance from campus, and provides single, double, twin and en-suite rooms for 54 students. In addition, there are two smaller, privately run residences, providing full board.

### FULL BOARD STUDENT RESIDENCES

#### ROS GEAL UNIVERSITY RESIDENCE

Ros Geal is located on University Road, across the road from the main university entrance. It offers single and shared rooms for female students. Full board is provided with meals included. Good study facilities are also available.

#### GORT ARD UNIVERSITY RESIDENCE

Gort Ard is located in Rockbarton in Salthill. It offers single and shared rooms for male students. Full board is included, with meals provided. Good study facilities are available.

### PRIVATE SECTOR ACCOMMODATION

This accommodation consists of flats, houses and apartments run by the private rented sector. As it can vary from house to house, we always advise you to see this accommodation for yourself before making a booking to ensure you are happy with your choice. A deposit (usually one month's rent plus one extra month's rent) must be paid in advance. Charges such as electricity, refuse and TV must be paid separately as the bills arrive.

You should always be careful about signing leases and keeping contracts—even verbal contracts, which can also be binding. This type of housing particularly suits those students who have already met and know other flatmates willing to share the house/apartment.

A housing list is available on our website. Rent books are also available free from the Accommodation Office and from the offices of the Students' Union.

### Useful Tips for Students Sharing

- Be clear from the start, agree rotas for cleaning and agree guest policy.
- Ask before borrowing your housemate's stuff.
- Address issues while they are small.
- Shared spaces are shared by all. Be respectful of this and don't leave your stuff lying around.
- Be friendly without expecting to be BFFs.
- Be open to change, trying new things and meeting new people.
- Treat your roommate in the way he/she would want to be treated = RESPECT!
- Download the OurHome app which helps you and your house mates manage tasks and events and create shared grocery lists and stay organised with less effort. The app is available for download for iOS, Android and Webapp.



### PRIVATE SECTOR ACCOMMODATION

Click on 'Private Accommodation' [nuigstudentpad.ie/Accommodation](http://nuigstudentpad.ie/Accommodation)

### ACCOMMODATION OFFICER

Teresa Kelly  
t. + 353 91 492364

Angela Walsh  
t. + 353 91 493540

Please contact us via our online contact form available on our website at: [nuigalway.ie/accommodation](http://nuigalway.ie/accommodation)

### BOOK EARLY

We advise you to book accommodation in student residences as early as possible before the start of the academic year, ideally in January or February of the year you want to start university, to ensure maximum choice.

### STUDENT RESIDENCES

Click on the individual residences: [www.nuigalway.ie/accommodation](http://www.nuigalway.ie/accommodation)

# Cost of Living

Managing your finances is a big part of university life. This may be your first time living away from home and it is important that you take into consideration course fees and day-to-day living costs when planning for university.

This section is intended to give you a guide to living costs, fees, grants and sources of financial support that are available to you during your time at university.

## TUITION FEES

This varies from degree programme to degree programme. Fees may be paid on your behalf by the Irish government. It is not means tested and a brief synopsis of eligibility is listed here:

- The student is attending a full-time undergraduate course and the course is a minimum of two years' duration
- The student has never been to third level before, either at NUI Galway or anywhere else in the EU
- The student is an Irish national who has lived in Ireland for three of the past five years
- The student is a national of an EU state who has lived in the EU for three of the past five years
- The student has official Irish refugee status and has lived in the EU for three of the past five years.
- See the full criteria listed at: [studentfinance.ie](http://studentfinance.ie)

## STUDENT CONTRIBUTION CHARGE (SCC)—€3,000

This is payable by you. Or, if you apply for a SUSI grant and are deemed eligible, we will invoice SUSI for your SCC. This SUSI grant is means tested and you can apply online at [www.susi.ie](http://www.susi.ie). When you register as a student with NUI Galway online, you will be required to input your SUSI application number. The Fees Office will then invoice SUSI on your behalf for the SCC.

## STUDENT LEVY—€224

This is payable by all students and is not covered by a SUSI grant.

For more information visit [nuigalway.ie/fees](http://nuigalway.ie/fees)

## GRANTS

If you believe you are eligible for a grant, you should make your application via [www.susi.ie](http://www.susi.ie)

## FINANCIAL ASSISTANCE FUND

Some students may find themselves experiencing financial difficulties despite being careful with money during their time at university.

All full-time students who attend a course of at least one year's duration leading to an undergraduate qualification are eligible to apply for the Financial Aid Fund. Applicants are means tested (taking financial situation and family circumstances into account). The application forms are usually available online from late September/early October. For more information, go to [nuigalway.ie/student\\_services/financialaidfund.html](http://nuigalway.ie/student_services/financialaidfund.html)

## LIVING COSTS

Budgeting is one of the key skills you will need to develop during your time at university. Once you learn how to manage your money, you will be able to enjoy university life to the full. Here we have put together an average budget to cover living costs for one month at university.

## EXPENSE COST

Accommodation (rented excl. bills)	€400
Electricity and oil	€80
TV and Internet	€20
Phone	€50
Food, including a weekly shop and food in college	€260
Books/academic requisites	€60
Photocopying and Printing	€25
Clothes, laundry	€60
Recreation	€180
Travel	€45
Medical	€20
Monthly total	€1,200
Nine-month academic year	€10,800

## Support Services

At NUI Galway we understand that there may be times when you need advice, support or a listening ear, and we have a network of services available to cater for your needs.

### STUDENT HEALTH UNIT

Good health and following a healthy lifestyle contribute to success and enjoyment at university. Services at the Student Health Unit are for acute medical conditions only and are not a replacement for your own family doctor. Other services include psychiatric and physiotherapy clinics. Please note that there are charges for certain services, including the out-of-hours emergency on-call service. Doctor surgery hours are restricted outside of term time.

### COUNSELLING

University is a big step, with many potential rewards to be enjoyed. However, there can also be challenges, and it can be very stressful at times.

You may be experiencing personal difficulties that are affecting your studies. These can also affect your ability to take full advantage of the opportunities available to you at NUI Galway.

This is where counsellors can help. NUI Galway has a team of qualified and experienced counsellors, psychologists and psychotherapists.

The service operates within the Code of Ethics and Practice agreed by the Irish Association of University and College Counsellors. Counsellors offer:

- Individual counselling
- Drug and alcohol counselling
- Personal development workshops
- Information and referral
- A consultation service for those who may have concerns about a student—such as tutors, university staff, friends or parents

Counselling is also available through Irish/Tá comhairleoireacht le fáil trí mheán na Gaeilge. The service is confidential and it is free of charge.

### CHILDCARE

Spraoui Early Learning Centre operates the University Crèche, located at 50 Upper Newcastle.

### ABOUT SPRAOI

At Spraoi, the focus is on learning through play. The operators implement the Aistear curriculum and incorporate elements of Steiner and Montessori. The centre has been refurbished to meet the needs of children aged between six months and 12 years.

The balanced and varied menu is prepared in-house to meet the nutritional needs of the child, and the new-garden-growing project links in with this.

Parents who are interested in enrolling children in the crèche should contact [spraoinuig@gmail.com](mailto:spraoinuig@gmail.com).

#### Find out more

For a tour of the centre or more information, please contact the Crèche Manager, Niamh Heneghan, on 091 493739.

### DISABILITY SUPPORT SERVICE

The Disability Support Service (DSS), part of the Access Centre, provides support to students who have a disability or specific learning difficulty, including:

- Autism spectrum disorder, including Asperger's syndrome
- ADD/ADHD
- Blind/vision impairment
- Deaf/hard of hearing
- DCD—dyspraxia/dysgraphia
- Mental health condition
- Neurological condition
- Significant ongoing illness
- Physical disability
- Specific learning difficulty, including dyslexia and dyscalculia

The DSS works closely with academic staff and other support services to enable students with a disability to become independent learners and successful graduates.

If you have one or more of the above disabilities and require particular supports, it is important that you register with the Disability Support Service (DSS) as soon as you accept your offer to NUI Galway. To register with DSS you must complete the online registration form available on the DSS webpage [nuigalway.ie/disability/](http://nuigalway.ie/disability/)

## Orientation

To help you settle into life at NUI Galway, we organise an Orientation Week for new students. Orientation Week is a great opportunity to get to know your campus and classmates and explore everything that NUI Galway has to offer. Orientation Week takes place the week before the academic year begins.

Orientation Week is crucial for you to learn about university life and attendance is compulsory. Throughout the week you will gain important information on academic subjects and choices, timetables, and locations. This is a great opportunity to meet with other first-year students, try out some of the clubs and societies and learn about the many other support services available to you. You will also have time to familiarise yourself with our beautiful campus, which is just a short walk from the city centre. Your start to a successful university journey begins during Orientation week.



# How to Apply

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# 1. General Entry Requirements

## 1A AGE

Students must normally have attained the age of 17 by 15 January following entry, for example, for entry in 2019, date of birth must be on or before 15 January 2003. If a student under that age seeks to enter the University, special application must be made to the President of the University.

## 1B MATRICULATION—MINIMUM ENTRY REQUIREMENTS

Matriculation refers to the minimum requirements for entry to the university. NUI Galway is a constituent university of the National University of Ireland (NUI). Students wishing to enter an undergraduate degree programme at NUI Galway must meet the matriculation requirements of the university. The detailed matriculation requirements of the NUI and the University are provided in the following sections and depend on the type of examinations being presented. They are also available online.

### Find out more

Click on 'Entry Requirements' under the 'Going to College' heading at [nui.ie](http://nui.ie)

## 1C GARDA VETTING/POLICE CLEARANCE

Applicants to certain programmes will be required to complete Garda vetting or other overseas police clearance (if applicable). This requirement is due to the external placement element of the programme, which will bring the student into a position of trust and may involve unsupervised access to children or vulnerable adults. Any programmes which require Garda vetting include this in the course entry requirements in the undergraduate prospectus and online. If the outcome of the vetting process is not satisfactory, students will not be able to participate in placements and, therefore, will not be able to complete the programme. Garda vetting is now a legal requirement under the Children and Vulnerable Persons Act.

### Find out more

[w.nuigalway.ie/undergrad-admissions/garda-vetting/](http://w.nuigalway.ie/undergrad-admissions/garda-vetting/)

## 1D MEDICAL CLEARANCE

Candidates for admission to Medicine and Nursing are required to pass a health assessment prior to admission. This assessment includes testing for a number of infectious diseases that may be a risk to patients.

## 1E IRISH LANGUAGE REQUIREMENT

Generally speaking, Irish is a standard subject requirement for matriculation for applicants with the Irish Leaving Certificate. However, certain applicants may be eligible for an exemption from this requirement from the NUI (for example, those born outside the Republic of Ireland). Detailed information is available on the NUI website.

### Find out more

National University of Ireland (NUI), 49 Merrion Square, Dublin 2

**t.** +353 1 439 2424

**w.** [www.nui.ie](http://www.nui.ie)

## 1F THIRD LANGUAGE REQUIREMENT

A third language is required for Arts, Commerce, Law, Medicine, Speech and Language Therapy, Occupational Therapy, and Podiatric Medicine. It is not required for entry to Nursing or Engineering. Nor is it required for Science courses, except for Biotechnology. All applicants whose first language is not English, or who have not been educated through the medium of the English language during their two most recent years of study, must attain an advanced level in English in their final school exam or must present one of the recognised English language qualifications (for example, IELTS, TOEFL). For further information on recognised English-language qualifications, please refer to the NUI and NUI Galway websites.

### Find out more

National University of Ireland (NUI) 49 Merrion Square, Dublin 2

**t.** +353 1 439 2424

**w.** [nui.ie](http://nui.ie)

**w.** [nuigalway.ie/undergrad-admissions/garda-vetting/](http://nuigalway.ie/undergrad-admissions/garda-vetting/)

## 1G ASSESSMENT OF APPLICATIONS

Applications can only be assessed on the basis of information provided with the application. All relevant documentation and examination results (including any exemptions granted by NUI) that are being presented for assessment to NUI Galway must be with the Central Applications Office (CAO) no later than the dates below:

Irish Leaving Certificate: 16 August 2019

Other school leaving exams: See CAO website [www.cao.ie](http://www.cao.ie)

It may not be possible to gain entry in the current year if documents or results are presented later than the relevant dates. This includes Leaving Certificate results. It is the responsibility of applicants to

provide full and accurate information in their application and notify the University of any changes or corrections to the original application.

In the light of additional information which was not available at the time of selection, an offer may be amended or in exceptional circumstances withdrawn. The University also reserves the right to correct errors when they have been made in the communication of decisions and offers.

## 1H SELECTION SCHEME FOR MEDICINE (ALLOCATION OF PLACES)

In order for school leavers to be eligible to compete for entry to undergraduate Medicine, they must:

1. achieve a minimum of 480 points, and
2. meet the minimum entry requirements for the programme in the same sitting of the Irish Leaving Certificate examination or equivalent examination, and
3. complete the required admissions test (HPAT-Ireland) in 2019. Results are now only valid in the year of entry.

Further information on the selection scheme and allocation of places is available online. Applications for admission to the MB (Bachelor of Medicine) programme in NUI Galway from students who are attending, or have previously attended, all or part of a medical degree programme in another institution are considered only from those in the institution from which they are seeking to transfer.

If those examination requirements are not successfully completed, an application may be considered if a reasonable interval (normally not less than three years) has elapsed and if the applicant, through her/his intervening experience and/or otherwise, indicates better preparedness to successfully undertake university studies again.

All such applicants must satisfy the normal entry requirements and standards of the programme to which they are seeking admission.

### Find out more

[w.nuigalway.ie/undergrad-admissions/school-leavers/medicine/](http://w.nuigalway.ie/undergrad-admissions/school-leavers/medicine/)

## 2. Leaving Certificate Applicants

### 2A MATRICULATION

For holders of the Leaving Certificate, six subjects are required, with a minimum Grade H5 in two subjects, and at least Grade O6/H7 in four other subjects.

An applicant may combine the results of the Leaving Certificate examinations obtained in different years for matriculation purposes for all programmes with the exception of Medicine (see section 1(H)). This concession applies to matriculation only; it does not apply to the calculation of points for admission.

### 2B ACCEPTABLE SUBJECTS

All subjects of the current Leaving Certificate examination are accepted for matriculation purposes, with the following exceptions:

Gaeilge–Bonnleibhéal (Irish, Foundation Level) will not be accepted for matriculation or points purposes.

Mathematics (Ordinary Alternative/ Foundation Level) will be accepted for matriculation purposes, but not as a substitute for the subject Mathematics in programmes for which the subject Mathematics is currently an entry requirement. Neither will a score be awarded for a grade in this subject.

Home Economics (General), which has been discontinued from 2004, is not an acceptable matriculation subject for admission to NUI Galway. However, Leaving Certificate Home Economics–Scientific and Social is an acceptable matriculation subject for admission.

The combining of the following subjects is not permitted:

- Physics with Chemistry (joint) may not be presented with either Physics or Chemistry
- Only two of History, Economic History and Economics may be presented
- Music and Musicianship may not be presented with Music
- Agricultural Economics may not be presented with Economics
- Classical Studies may not be presented with Latin or Greek

### LABORATORY SCIENCE SUBJECTS:

The following subjects in the Irish Leaving Certificate are recognised laboratory science subjects:

- Agricultural Science
- Biology
- Chemistry
- Physics and Chemistry (joint)
- Physics

### 2C POINTS

Due to limited places, admission to undergraduate programmes is based on the points system. Each applicant's score is calculated by allocating points for grades achieved in one sitting (i.e., any one year) of the Leaving Certificate examination. Only the best six subjects are taken into account for points.

#### POINTS ARE AWARDED AS FOLLOWS:

Grade	Higher Paper	Ordinary Paper
1	100	56
2	88	46
3	77	37
4	66	28
5	56	20
6	46	12
7	37	n/a

#### POINTS AWARDED FOR LCVP LINK

##### MODULES BY NUI GALWAY

Distinction	66
Merit	46
Pass	28

**Note:** While Link Modules are acceptable for points scoring purposes, they may not be counted as one of the six subjects to satisfy minimum entry/matriculation requirements. Students will have the opportunity to use their points allocation for the Link Modules as one of their six subjects for the purposes of calculating points.

Twenty-five bonus points are awarded for a grade H6 or above in Higher Level Maths.

### 2D STUDENTS FROM OUTSIDE THE EU PRESENTING THE LEAVING CERTIFICATE

The following special arrangements apply in the case of students from outside the EU whose first language is a language other than English, and who present the Leaving Certificate for matriculation registration purposes.

In general, such candidates will be required to present a language other than English for matriculation purposes. Where the first language of a candidate from outside the EU presenting the Leaving Certificate is not available in the Leaving Certificate, an examination in that language, accepted by the university as comparable to the matriculation/Leaving Certificate examination, will be acceptable for matriculation purposes. For example, examinations in non-EU

languages available at GCE/GCSE levels will be accepted as meeting the third language requirement. In these circumstances, it is permissible for candidates to combine the results of the Leaving Certificate with the language result in the GCE/GCSE. In the case of examinations other than the GCE/GCSE, applications are considered by the university on an individual basis.

### 2E HOW TO APPLY

Applications for admission to all full-time undergraduate degree courses are made through the Central Applications Office (CAO).

Applications can be made online, or alternatively, please contact the CAO office to request a hard copy application form.

#### Find out more

Central Applications Office (CAO)  
Tower House, Eglinton Street, Galway  
t. +353 91 509 800  
w. [cao.ie](http://cao.ie)

Application forms are accompanied by the CAO Handbook, which gives you details of application procedures and closing dates. Please read this handbook very carefully. The normal CAO closing date for receipt of completed applications is 5.15pm on 1 February. Late applications will be accepted up to 5.15pm on 1 May, subject to an additional fee. Please note that late applications may not be made by those applying on mature years grounds or by those applying for entry to Medicine.



## 3. GCE/GCSE A-Levels Applicants

### 3A MATRICULATION

NUI Galway welcomes applicants presenting General Certificate of Education (GCE) and General Certificate of Secondary Education (GCSE) results. To matriculate, students presenting GCE and GCSE examinations must obtain a pass in at least six recognised subjects in accordance with programme requirements, as well as obtaining the following:

#### GCE

At least a Grade C at Advanced Level in two recognised subjects (Grade A with Grade E, or Grade B with Grade D, are considered the equivalent of two Grade Cs).

#### GCE A LEVEL/GCSE

At least a Grade C in four recognised subjects. The results of Leaving Certificate and GCE/GCSE examinations may not normally be combined for the purposes of an application.

### 3B ACCEPTABLE SUBJECTS

Not all GCE and GCSE subjects are recognised and some subjects may not be accepted in combination with one another. For further information and the full list of GCE and GCSE subjects acceptable for matriculation, consult the Entry Requirements section online.

#### Find out more

Click on 'Entry Requirements' under the 'Going to College' heading on [nui.ie](http://nui.ie)

### 3C IRISH LANGUAGE REQUIREMENT AND EXEMPTION

If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to NUI Galway. Candidates from Northern Ireland and Great Britain presenting GCE/GCSE qualifications will automatically be granted exemption from Irish and are not required to apply to the NUI for exemption.

### 3D HOW TO COMPARE A-LEVEL GRADES WITH POINTS

Where a Leaving Certificate grade of O3 is required, the minimum requirement is a Grade B at GCSE.

Where a Leaving Certificate grade of H4/H5 is required, the minimum requirement is a Grade C at GCE A-level.

### GCE/LC POINTS EQUIVALENCE

Please refer to our website for approximate minimum A-Level grades required for entry.

#### Find out more

[w. nuigalway.ie/alevels/](http://w.nuigalway.ie/alevels/)

### 3E HOW TO APPLY

Application for admission to all full-time undergraduate degree courses must be made through the Central Applications Office (CAO). Applications can be made online or alternatively please contact the CAO office to request a hard copy.

#### Find out more

Central Applications Office (CAO)  
Tower House, Eglinton Street, Galway

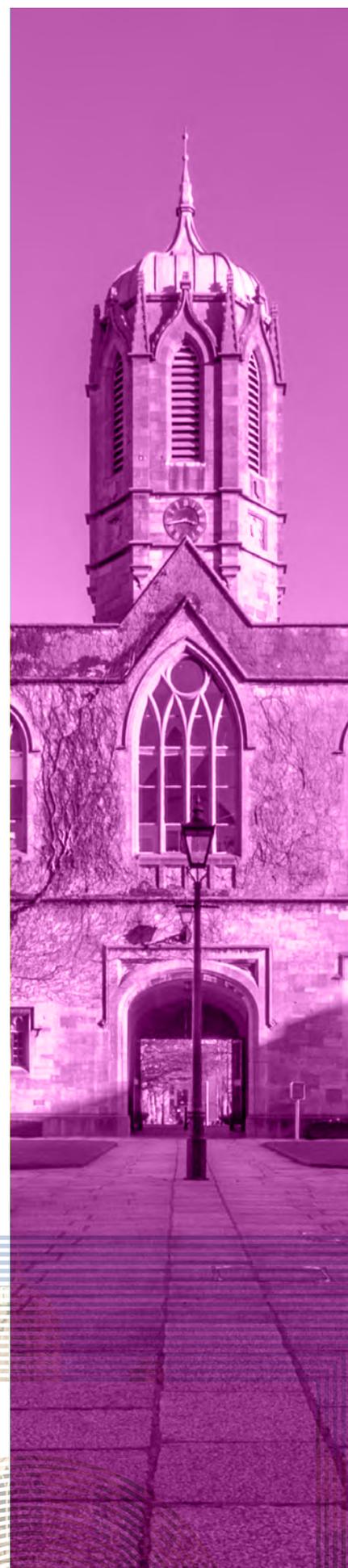
**t.** +353 91 509 800

**w.** [cao.ie](http://cao.ie)

The normal CAO closing date for receipt of completed applications is 5.15pm on 1 February.

Late applications will be accepted by the CAO up to 5.15pm on 1 May, subject to an additional fee.

Please note that a late application cannot be made by those applying for Medicine (GY501).



## 4. School Leaving Examinations from EU Countries outside Ireland and THE UNITED Kingdom

### 4A MATRICULATION, EXEMPTIONS AND ACCEPTABLE SUBJECTS

NUI Galway welcomes applications for undergraduate degree programmes from EU applicants.

Applicants must meet normal matriculation and entry requirements. Detailed information for each country is available online.

#### Find out more

[w. nuigalway.ie/undergrad-admissions/](http://w.nuigalway.ie/undergrad-admissions/)

### 4B HOW TO APPLY

EU applicants must apply through the CAO in accordance with the closing dates (refer to section 2E) and must tick the box 'other school exams'. Applicants who have completed a recognised final school examination (e.g., German Abitur, International Baccalaureate) in a previous year must send a certified translated copy of the results to the CAO office.

Applicants sitting their final school exam in summer 2018 must send a certified translated copy of the results to the CAO office as soon as they become available and prior to the issue of Round One offers. Please note that a certified English translation is required in the case of qualifications not issued originally in English or Irish.

This must be sent directly to the CAO office, not directly to the university. Applications for admission to all full-time undergraduate degree courses are made through the CAO. Applications can be made online, or alternatively, please contact the CAO office to request a hard copy.

#### Find out more

Central Applications Office (CAO)  
Tower House, Eglinton Street, Galway  
t. +353 91 509 800  
w. [cao.ie](http://cao.ie)

## 5. School Leaving Examinations from Non-EU Countries

For the purposes of making an application, an EU applicant is defined as a person who has been resident in an EU/EEA member state for at least three of the five years prior to entry and whose parents have been in full-time employment in an EU/EEA member state for three of the five years prior to entry. Irish and EU nationals whose families have emigrated to non-EU countries such as the USA, Australia, etc., and who have received a minimum of five years of schooling in an EU country, should also apply through CAO.

#### Find out more

Contact the Admissions Office and the Fees Office:  
[nuigalway.ie/admissions](http://nuigalway.ie/admissions)  
[nuigalway.ie/fees](http://nuigalway.ie/fees)

Those who do not meet these criteria are deemed to be non-EU applicants, and NUI Galway welcomes applications from this cohort. Non-EU applicants are required to apply online through the NUI Galway International Affairs Office, with the exception of applicants intending to study Medicine.

Applicants to Medicine from North America, Malaysia, Singapore and other non-EU countries should refer to our website for information on regional agents.

#### Find out more

NUI Galway International Affairs Office  
[nuigalway.ie/internationalNon-EU](http://nuigalway.ie/internationalNon-EU)  
Applicants  
[nuigalway.ie/undergrad-admissions/school-leavers/medicine/medicinenon-eu/](http://nuigalway.ie/undergrad-admissions/school-leavers/medicine/medicinenon-eu/)

## 6. Other Routes of Entry

### 6A HEAR—HIGHER EDUCATION ACCESS ROUTE

The Higher Education Access Route (HEAR) is a third-level admissions scheme for school leavers from socioeconomically disadvantaged backgrounds. HEAR has been established by a number of higher education institutions, and is based on clear evidence that socioeconomic disadvantage has a negative impact on educational achievement at school and progression to higher education.

School leavers who provide satisfactory evidence relating to their socio-economic circumstances and meet the Irish Leaving Certificate matriculation/minimum entry and subject requirements are eligible to compete for a quota of places allocated to applicants on a reduced points basis in NUI Galway.

As the minimum entry and subject requirements may be different for each course, applicants should check this prospectus for the requirements of each preference listed on the Central Applications Office (CAO) form.

#### WHO SHOULD APPLY TO HEAR?

HEAR is for school leavers (under 23 years old as of 1 January 2019). Mature and FETAC students have different admission routes and can get further information on these from NUI Galway.

How to apply to HEAR:

1. Apply online to CAO by 5.15pm on 1 February 2019.
2. You must indicate in your CAO application no later than 5.15pm on 1 March 2019 that you wish to apply for the HEAR scheme, and you must fully and correctly complete all elements of the HEAR form (the HEAR form is a part of your CAO application).
3. Submit relevant evidence in support of your application to arrive at CAO no later than 5.15pm on 1 April 2019.

HEAR applications can only be made online at [www.cao.ie](http://www.cao.ie)

#### More information

More information on HEAR is available from your school guidance counsellor or NUI Galway Access Office.

#### Find out more

[accesscollege.ie](http://accesscollege.ie)  
[cao.ie](http://cao.ie)  
[nuigalway.ie/access](http://nuigalway.ie/access)  
[nuigalway.ie/admissions](http://nuigalway.ie/admissions)

### Condition of a HEAR Offer

Students who receive a HEAR offer must attend an orientation programme before the first semester. Students who accept places in NUI Galway through HEAR are offered a variety of academic, personal and social supports while studying at third level.

### 6B DARE—DISABILITY ACCESS ROUTE TO EDUCATION

The Disability Access Route to Education (DARE) is a supplementary admissions scheme for school leavers with disabilities. DARE was established by a number of colleges and universities because evidence shows that disability can have a negative impact on how well a student does at school and whether they go on to college.

School leavers who meet the eligibility criteria compete for a quota of places allocated to applicants on a reduced points basis in NUI Galway. All applicants must meet the Irish Leaving Certificate (or equivalent), matriculation/minimum entry and subject requirements. As the minimum entry and subject requirements may be different for each course, applicants should check this prospectus for the requirements of each preference listed on your CAO form.

Who Should Apply to DARE? DARE is for school leavers (under 23 years old as of January 1 2019), who have the ability to benefit from and succeed in higher education but who may not meet the points for their preferred course, due to the impact of a disability. Mature and FETAC students have different admissions routes, and you can get further information on these routes from NUI Galway.

#### HOW TO APPLY TO DARE

1. Apply to CAO by 5:15pm on 1 February 2019.
2. No later than 5:15pm on 1 March 2019, you must disclose your disability and/or specific learning difficulty in your CAO application and fully and correctly complete Section A of the Supplementary Information Form (the SIF is a part of your CAO application). If you wish to be considered for the DARE scheme, you must indicate this on Section A of the fully completed SIF by ticking 'Yes' to Question 5 by 5:15pm on 1 March 2019.
3. You must return the fully completed Second Level Academic Reference (Section B) and Evidence of Disability (Section C) of the SIF to arrive at CAO no later than 5:15pm on 1 April 2019.

Applicants with a specific learning difficulty or dyspraxia must return a fully completed psycho-educational assessment completed by an appropriately qualified psychologist, in place of Section C of the SIF.

Applicants with dyspraxia must also provide additional verification (for more information on evidence of disability see [www.accesscollege.ie](http://www.accesscollege.ie)).

#### CONDITION OF A DARE OFFER

Students who receive a DARE offer must register with the Disability Service at NUI Galway and agree on a schedule of meetings with the service.

#### More Information

More Information on DARE is available from your school guidance counsellor or NUI Galway Disability Support Service.

#### Find out more information can also be found on:

[accesscollege.ie](http://accesscollege.ie)  
[cao.ie](http://cao.ie)  
[nuigalway.ie/disability/](http://nuigalway.ie/disability/)

### 6C ACCESS COURSE FOR SCHOOL LEAVERS

The Access course for school leavers is a one-year, full-time programme designed for students who have a desire to study at third level, but who are unable to do so due to a variety of social and economic reasons, such as:

- Long-term unemployment
- Low family income
- Little or no family tradition of progression onto higher education
- Limited study facilities at home
- Family stresses (particularly those related to family finance)
- This programme is also suitable for students with illness or disability whose education has been affected by long-term absenteeism.

#### Find out more

Access Programmes Office  
 NUI Galway  
**t.** +353 91 493 553  
**f.** +353 91 494 573  
**e.** [access@nuigalway.ie](mailto:access@nuigalway.ie)  
**w.** [nuigalway.ie/accesscentre/](http://nuigalway.ie/accesscentre/)

## 6D ACCESS COURSE FOR MATURE STUDENTS

The Access course for mature students is designed to meet the learning needs of the adult student and provide individual attention and assistance where appropriate. It aims to provide mature students with the opportunity to prepare personally and academically for an undergraduate course of full-time study of at least three years duration at NUI Galway.

### Find out more

Access Programmes Office  
NUI Galway  
**e.** [access@nuigalway.ie](mailto:access@nuigalway.ie)  
**w.** [nuigalway.ie/accesscentre/](http://nuigalway.ie/accesscentre/)

## 6E MATURE—APPLYING ON THE GROUNDS OF MATURE YEARS

If you are at least 23 years of age on or before 1 January 2019 and if your school leaving examination results do not meet normal matriculation and entry requirements, you may apply on the grounds of mature years. In general, applicants are selected on the basis of academic aptitude, which may include certain Leaving Certificate subjects, relevant work and life experience, and evidence of motivation and interest in the programme area. These areas should be addressed in the written application.

It is strongly advised that intending applicants consult the Mature Students' Guide prior to making an application for information on the application process and assessment criteria. Full details are available from October 2018 in the Mature Students' Guide, which can be found online or by emailing NUI Galway.

In addition, NUI Galway will host a Mature Students Public Information Evening in the Life Course Institute from 5pm to 8pm on Wednesday Jan 16th, with a CAO talk at 6pm in LCI-G018. This special information evening is designed for anyone aged 23 or over, who may be considering studies at NUI Galway in 2019. To attend this evening please sign up now at:

**[nuigalway.ie/mature/public-events/](http://nuigalway.ie/mature/public-events/)**

All applicants intending to apply for Arts (including denominated programmes) in 2019 on the grounds of mature years will be required to take the Mature Students' Admissions Pathway (MSAP) test as part of the selection process. There will be one sitting only of this test in 2019 and it will take place on Saturday 2 March 2019.

All applicants intending to apply for Medicine in 2019 on the grounds of mature years will be required to take the HPAT Test. Registration closing date is 23 January 2019 and the test date is Saturday 23 February 2019. Mature applicants must also have an Honours Science subject to Leaving Certificate standard prior to taking the HPAT test. Successful candidates will be invited to the MMI interview in May.

Application must be made by 1 February 2019 through the Central Applications Office (CAO). Please note that a late application cannot be made by those applying on grounds of mature years. The applicant must ensure that copies of all relevant information—for example, certificates, transcripts and a personal statement—are included with the CAO application.

Admission on the grounds of mature years is competitive. Applicants who are successful in gaining admission on the grounds of mature years are also assessed on the basis of their school leaving qualifications (if any) in competition with other applicants.

### Find out more

**Mature Students' Guide**  
[maturestudents@nuigalway.ie](mailto:maturestudents@nuigalway.ie)  
**[nuigalway.ie/mature](http://nuigalway.ie/mature)**

**MSAP test information**  
**[msap-ie.acer.edu.au/](http://msap-ie.acer.edu.au/)**

**CAO**  
**[cao.ie](http://cao.ie)**

**HPAT test information**  
**[hpat-ireland.acer.edu.au/](http://hpat-ireland.acer.edu.au/)**

### Further advice and guidance

**t.** +353 91 492 695  
**w.** **[nuigalway.ie/mature](http://nuigalway.ie/mature)**

## 6F QQI/FETAC—FURTHER EDUCATION AND TRAINING AWARDS COUNCIL

Please refer to the NUI Galway website for specific details on the range of QQI/FETAC awards which link into the university's Level 8 degree programmes.

### Find out more

**[nuigalway.ie/undergrad-admissions/non-schoolleavers/qqifetac/](http://nuigalway.ie/undergrad-admissions/non-schoolleavers/qqifetac/)**

## 6G TRANSFER

The Undergraduate Admissions Office welcomes applications from students wishing to transfer into an undergraduate degree programme at a level beyond first year. Transfer applications are normally considered from students who have completed a course at Level 6 or Level 7 in an Institute of Technology or have completed Year 1 of a degree in another university and wish to transfer to Year 2 or 3 of a similar course at NUI Galway. Information is available on the Undergraduate Admissions Office website.

### Find out more

**[nuigalway.ie/undergrad-admissions/non-schoolleavers/externaltransfer/](http://nuigalway.ie/undergrad-admissions/non-schoolleavers/externaltransfer/)**

## 6H ADULT LEARNING AND PROFESSIONAL DEVELOPMENT

The University also offers Adult Learning and Professional Development programmes for adults interested in returning to learning. A wide range of certificates, diplomas and part-time degree programmes are on offer. Entry requirements and details of courses are available online and from the Centre for Adult Learning and Professional Development Office.

### Find out more

Centre For Adult Learning and Professional Development Office  
NUI Galway

**t.** +353 91 494066  
**e.** [adultlearning@nuigalway.ie](mailto:adultlearning@nuigalway.ie)  
**w.** **[nuigalway.ie/adultlearning](http://nuigalway.ie/adultlearning)**



## 7. Additional Regulations

### 7A DEFERRED ENTRY

Applicants who have been offered a first-year place in the university may apply for deferral of entry for one year. The application must be made to the Admissions Office and only in respect of the course in which the offer is made. We regret deferrals are not granted in the College of Medicine Course GY501 (except when the deferral is sought on medical grounds).

Once you receive your Offer Notice from the CAO:

1. Do not accept the offer in the manner shown on the Offer Notice.
2. Apply online immediately:  
[www.nuigalway.ie/undergrad-admissions/deferrals/deferrals/](http://www.nuigalway.ie/undergrad-admissions/deferrals/deferrals/)
3. The application must be made to the Admissions Office at least two days before the 'Reply Date' shown on the Offer Notice.
4. NUI Galway will communicate the decision to the applicant.
5. In order to take up the deferred place, the applicant must re-apply through the CAO by 1 February of the succeeding year, placing the deferred course as the first and only preference.

The number of deferrals awarded will be limited. Applicants who have been given permission to defer entry must not in the intervening year:

- Attend a third-level institution, or
- Repeat the Leaving Certificate examination with the intention of applying for a different third-level programme.

If an applicant granted a deferral does either of the above, the deferral will lapse and applicants will be required to compete for a place on the programme the following year.

### 7B BONUS POINTS FOR MATHS

A bonus of 25 points will be allocated to students who achieve grade H6 or above in Higher Level (HL) Mathematics. This means that the maximum cumulative Leaving Certificate points total will increase from 600 to 625 (existing maximum points plus bonus points).

The bonus points will only be relevant in cases where the subject HL Mathematics (including bonus points) is scored as one of the candidate's six best subjects for points purposes. Consequently, if HL Mathematics (cumulative points score) is not among these six subjects, the bonus points will not be included in the total points score.

The maximum possible adjusted points score for applicants to Medicine will increase from 560 to 565. (For all scores over 550, each 5-point band equals one extra point.) The baseline score of 480 points will still apply but can include the bonus points if HL Mathematics (cumulative points) is among the best six subjects.

### 7C ENGINEERING MATHS QUALIFYING EXAMINATION

The Engineering Maths Qualifying Examination is for students who achieve sufficient CAO entry points and satisfy all other entry requirements but who do not achieve the requisite grade in Mathematics in the Leaving Certificate for admission to certain undergraduate engineering courses. For information on the examination and details on how to apply, please consult our website.

#### Find out more

[nuigalway.ie/engineeringinformatics/undergradatestudents/engineeringmathsqualifyingexamination/](http://nuigalway.ie/engineeringinformatics/undergradatestudents/engineeringmathsqualifyingexamination/)

### 7D FEES

For information on fees, please refer to our website.

#### Find out more

[nuigalway.ie/fees](http://nuigalway.ie/fees)

### 7E PERFORMANCE POINTS

#### NUI GALWAY 'PERFORMANCE POINTS' SPORTS SCHOLARSHIP

A limited number of scholarships will be offered for athletes who apply for courses that require more than 350 points, with the exception of GY501 Medicine. Forty 'performance points', which can be added to your examination results for entry to NUI Galway, will be on offer for successful candidates.

#### Find out more

[nuigalway.ie/sports/elitesport/](http://nuigalway.ie/sports/elitesport/)

#### CREATIVE ARTS 'PERFORMANCE POINTS'

Special 'performance points' are offered for new entrants who show exceptional artistic promise and achievement in one of six areas of excellence. Successful applicants will gain 40 bonus points when applying for entry to all NUI Galway undergraduate courses that require more than 350 points, with the exception of GY501 Medicine.

#### Find out more

[nuigalway.ie/creativeartsperformacepoints/](http://nuigalway.ie/creativeartsperformacepoints/)



# Important Dates for Applicants

## SEPTEMBER 2018

Central Applications Office (CAO) 2019 applications packs delivered to schools.

## OCTOBER 2018

### NUI GALWAY'S OPEN DAYS

5 October, 9am to 3pm and  
6 October, 9am to 3pm

## NOVEMBER 2018

### 5 November, 12.00 noon

CAO online application facility opens.  
Change of Course Choice (free)  
facility opens.

## JANUARY 2019

### 20 January, 5.15pm

Apply online by this date to avail of the  
discounted application fee of €30.

### 31st January, 5.15pm

Closing date for online Change of  
Course Choices (free).

## FEBRUARY 2019

### 1 February, 5.15pm

Normal closing date for applications  
(€45 fee).

### 5 February

Online facility to amend course choices  
becomes available (€10 fee).

### Saturday 23 February

HPAT test date.

## MARCH 2019

### 1 March, 5.15pm

Closing date for amending course  
choices.

### 1 March, 5.15pm

Closing date for final completion of  
online HEAR/DARE forms.

### 9 March

MSAP test date.

### 5 March

Late application facility opens.

## APRIL 2019

### 1 April, 5.15pm

Latest date for HEAR/DARE supporting  
documentation to arrive in CAO.

### NUI GALWAY'S OPEN DAYS

Saturday 6 April 9am to 3pm

## MAY 2019

### 1 May, 5.15pm

Closing date for late applications.

### 6 May

Online change of mind facility becomes  
available.

### Before end of May

Statement of Application Record sent  
to all applicants by CAO.

## JUNE 2019

Leaving Certificate examinations.

CAO Change of Mind clinic, NUI Galway  
campus. Check website for details.

## JULY 2019

### 1 July, 5.15pm

Change of mind closing date.

### Early July

Round A offers for certain non-  
standard categories of applicant  
(matures, deferrals, etc.).

### 22 July, 5.15pm

Closing date for late applications for  
those already attending a participating  
HEI (exception to timetable).

## AUGUST 2019

### 19 August (expected date)

Round 1 offers.

### 23 August, 5.15pm (expected date)

Round 1 acceptances.

### 28 August (expected date)

Round 2 offers.

### 30 August, 5.15pm (expected date)

Round 2 acceptances.

## SEPTEMBER 2019

### Early September

HEIs begin registration and induction.

## OCTOBER 2019

### Early October

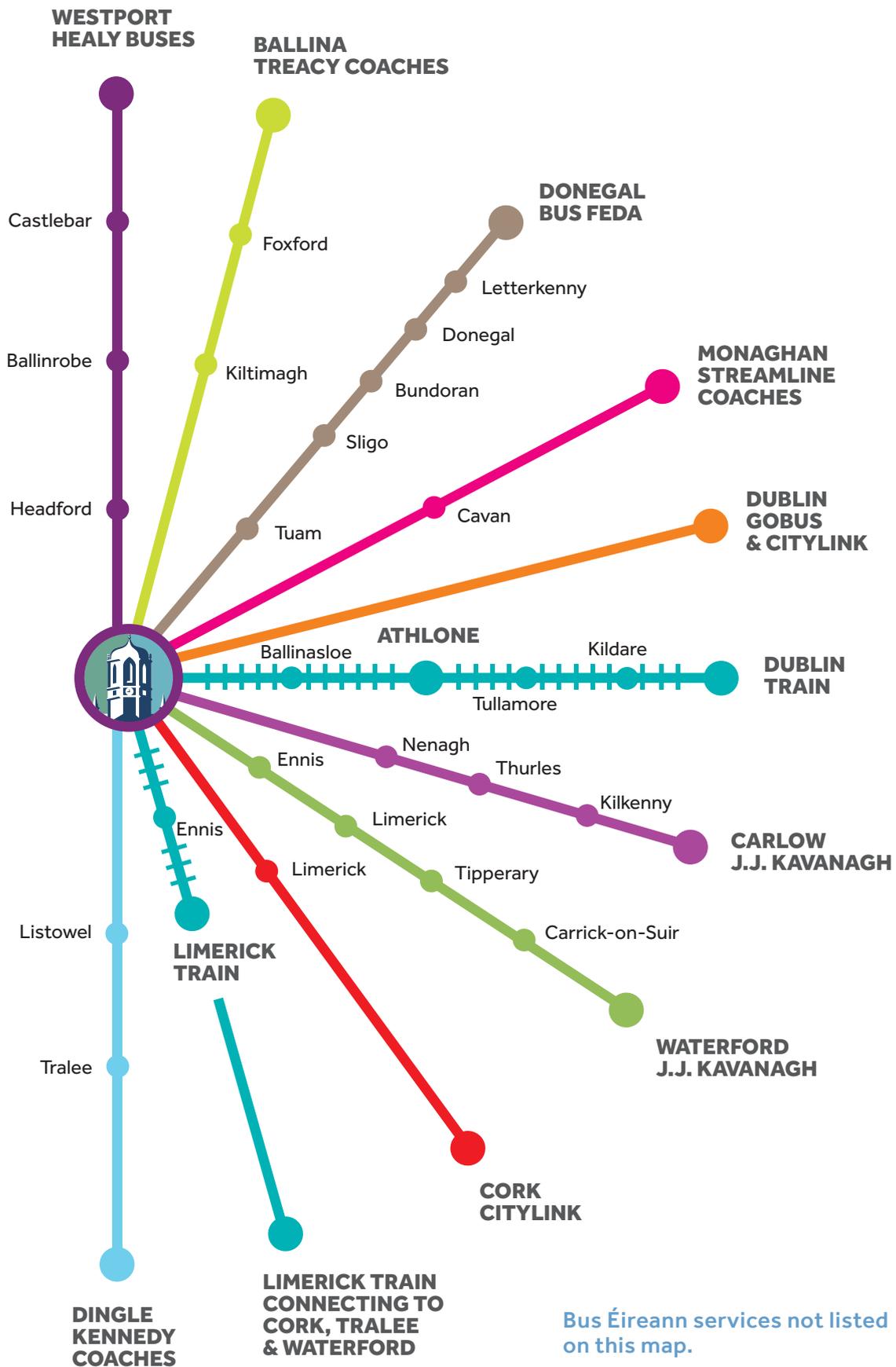
Results of Leaving Certificate  
appeals released.

### 18 October, 5.15pm

Offer season ends.

EXAM	HPAT (FOR MEDICINE APPLICANTS)	MSAP (FOR MATURE APPLICANTS TO ARTS)
APPLY	Apply 20 January, 5.15pm (€130 fee) 1 February, 5.15pm (€200 fee)	3 February, midnight (€83)
LATE APPLICATIONS	3 February, 5.15pm (€235 fee)	17 February, midnight (€118 fee)
TEST DAY	23 February	9 March

# Transport Links to NUI Galway



Bus Éireann services not listed on this map.

For a full list of stops, timetables and fares for private bus services, see individual website addresses.



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Ollscoil na hÉireann, Gaillimh  
t. +353 91 524 411  
w. [www.nuigalway.ie](http://www.nuigalway.ie)

