



NUI Galway  
OÉ Gaillimh

**Undergraduate** prospectus 2015  
**Réamheolaire** fochéime 2015

# NUI GALWAY

Inspiring minds since 1845



# Take a Closer look

The best way to get a real feel for life at **NUI Galway** is to come and visit us and decide for yourself whether **NUI Galway** feels right for you. We would love to welcome you on campus.

## Open Days

3rd & 4th October 2014  
25th April 2015

## Information Evenings

Come and meet us during the year at venues around the country

## Campus Tours

Avail of the opportunity to see all the main facilities on campus guided by one of our Student Ambassadors

## Summer Schools

Get a real taste of University life and enjoy a wide range of hands-on practical activities

Find out more:

[www.nuigalway.ie/cao2014/visitus](http://www.nuigalway.ie/cao2014/visitus)

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# Welcome to NUI Galway

Selamat Datang

Bienvenue

欢迎

Fáilte

Powitanie

आपका स्वागत

ترحيب

Bem-Vindo

Willkommen

Connect with NUI Galway



facebook.com/nuig



twitter@NUIG



youtube.com



way





# Did you know?



NUI Galway is now the only Irish university to increase its position in the two main international rankings -the QS World University Rankings and the prestigious *Times Higher Education* World University Rankings, 2013-2014.

## 3

Three of our scientists have been named in the “World’s Top 100 Most Influential Scientific Minds: 2014” by the multinational media body Thompson Reuters.

## 93%

We are one of Ireland’s top universities for graduate employability, with over 93% of our graduates working or in further study within six months of graduating.

## 1st

Our student completion rate is higher than any other university in Ireland, at 86%.

## 1,000

We are leading the way in student volunteering and civic engagement. More than 1,000 students gave 30,000 hours of voluntary activity in the last year.

## €400 million

We are in the final stages of a €400 million capital investment programme, which has transformed the campus and given students and staff access to the very best facilities for teaching and research.

## 2%

We rank among the top 2% of universities in the world for the quality of our teaching and research.

## 10%

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



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# Welcome to NUI Galway

With more than 17,000 students, **NUI Galway** is one of Ireland's most popular universities for undergraduate study. NUI Galway attracts more students from outside its region than any other university in Ireland.







**NUI Galway** is one of only three Irish universities to move up the *Times Higher Education* (THE) World University Rankings for 2013-14. With an increase of 22 places, **NUI Galway is now ranked 314th in the THE Rankings 2013-2014.**

The University was also awarded the top rating of five stars in the QS Stars International rating for – teaching, research, internationalisation, engagement, innovation and infrastructure.

Find out more:

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

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A photograph of a modern building with a large glass facade. Several students are walking on the steps leading up to the building. In the foreground, a man in a maroon jacket is walking towards the left, carrying a black folder. Next to him is a woman in a grey jacket, and then a man in a dark jacket. In the background, two more students are standing on the steps. A woman is sitting on the steps in the lower right corner, holding a purple folder. The building has a light-colored stone or concrete facade and large glass windows that reflect the sky and clouds.

### Some of our new facilities include:

- A state-of-the-art Sports Centre
- A dedicated Student Centre and Cultural Hub
- Ireland's largest School of Engineering, opened in July 2011
- A brand new School of Psychology, opened in September 2013
- The Hardiman Research Building - a new facility for Arts, Humanities and Social Sciences students, opened in April 2013
- A brand new building for Biomedical Science Research, opened in Autumn 2013
- A new building for Medicine students is currently under construction



# Ireland's fastest expanding campus

We are in the final stages of a **€400 million capital investment programme** - the single largest capital development plan ever undertaken by the University. This investment has transformed the campus into a world-class learning environment for our students.

Find out more:

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

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[www.nuigalway.ie/about-us/who-we-are/the-campus/](http://www.nuigalway.ie/about-us/who-we-are/the-campus/)

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# Real Learning

At NUI Galway, we believe that the best learning happens when you apply what you learn in a real world context. That's why many of our courses include work placements or community projects.







**Over 70%** of our courses offer students the opportunity to get work experience.

Over 40 of our degree programmes include a community-learning opportunity involving **1,600** students and over **100** lecturers. You will have the chance to work locally and internationally and develop invaluable life skills.

This real learning experience will benefit you when you enter the job market, as employers look for well-rounded individuals with a good mix of knowledge and experience.

Find out more:

|                                                                                        |   |
|----------------------------------------------------------------------------------------|---|
| <a href="http://www.socs.nuigalway.ie">www.socs.nuigalway.ie</a>                       | w |
| <a href="http://www.nuigalway.ie/cki">www.nuigalway.ie/cki</a>                         | w |
| <a href="http://www.student-connect.nuigalway.ie">www.student-connect.nuigalway.ie</a> | w |
| <a href="http://www.su.nuigalway.ie">www.su.nuigalway.ie</a>                           | w |



# Global University

NUI Galway is truly a global university – we have the highest number of international students of any university in Ireland.





A photograph of two women sitting outdoors, laughing heartily. The woman on the left has long blonde hair and wears glasses and a black top. The woman on the right has dark curly hair and wears a light green top. They are positioned in front of a dense green bush. An orange semi-transparent box with white text is overlaid on the bottom right of the image.

We have a total of 3,000 International students from 115 countries, which accounts for 18% of the overall student population.

We have student exchange programmes with over 200 international universities around the world.

We have a global community of staff. 35% are from overseas, coming from 45 countries worldwide. You will learn from academics who are recognised nationally and internationally for their work.

Three outstanding researchers at NUI Galway have been ranked among the “World’s Most Influential Scientific Minds: 2014” by the multinational media body Thompson Reuters. That’s more than any other university in Ireland.

Find out more:

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

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# Inspirational Teaching



**Professor Patrick Lonergan**

Professor of Drama and Theatre, director of the Druid Academy and academic leader of the Abbey Theatre Digital Archive project – the world's largest digital theatre archive!

**Professor Alan Ahearne**

Head of Economics, Advisor to the IMF and Director of the Central Bank of Ireland – inspiring students to think about real-world challenges in new and different ways.

**Professor Donncha O'Connell**

Donncha is an expert in Constitutional Law and Human Rights with a particular interest in the status of international human rights standards in domestic law. He is a member of the Law Reform Commission and Legal Aid Board and was previously, the Director of the Irish Council for Civil Liberties.

Find out more:

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

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**Dr Nathan Quinlan**

Senior Lecturer in Mechanical Engineering. He is involved in an initiative by NUI Galway students to design and build Ireland's most energy-efficient car and race with it internationally.

**Professor Caroline McIntosh**

Head of Podiatry - the only undergraduate course of its kind in Ireland. Caroline's passion is to encourage and inspire students to fully understand and appreciate the complexity of the lower limb and to develop excellent clinicians, researchers and critical thinkers who will one day lead our profession both nationally and internationally.

**Dr Rachel Quinlan**

Rachel's motivation as a lecturer is to share her fascination with mathematical discovery. She likes to encourage students to unlock and develop their mathematical creativity.



# Your Career

NUI Galway is one of Ireland's top two universities for graduate employability, with 93% of our graduates employed or in further study within six months of graduating.



# 1,924

**NUI Galway secured 1,924 internships for students with employers all over Ireland.\***

New employers who took placement students include Bord Gáis, Goldman Sachs and Shell.

\*Source: U-Multirank 2012/13

## Did you know?

### 401

The number of employers our students had access to on campus this year.



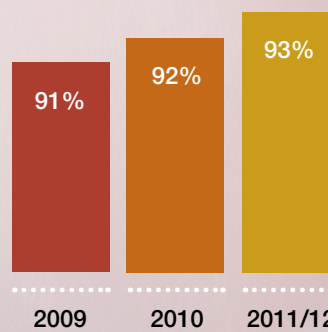
New employers who came on campus to recruit students this year.

## What our employers say

"We employ NUI Galway graduates because they are results-focused, adaptable and confident with excellent communication and analytical skills."

Jennifer O'Neil,  
Management Consulting Analyst at Accenture

## NUI Galway graduate employability rate increase year-on-year



% of graduates working or in future study within six months of graduating

**Find out more:**

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

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A photograph of a library shelf filled with books. The books are mostly blue and white, with some green and yellow covers. A hand is visible on the right side, reaching for a book on the top shelf. The background is slightly blurred, showing more shelves and books.

**The following scholarships are available at this University and are awarded annually to first year registered students:**

- Excellence Scholarships
- Creative Arts Scholarships
- Sports Performance Points Scholarships
- Elite Sports Scholarships



# Scholarships

We are committed to attracting bright, ambitious students and nurturing their talents through our extensive range of scholarship programmes.

Find out more:

See page 142/143

[www.sports.nuigalway.ie/scholarships\\_info.html](http://www.sports.nuigalway.ie/scholarships_info.html)



# Sport

We offer a generous package of Sports Scholarships. They include financial support, medical support, nutritional support and advice, sports psychology, strength and conditioning, physiotherapy, sports science and mentoring supports.





A swimmer in a colorful patterned swimsuit is captured mid-dive, entering the water. The background shows a large indoor swimming pool with lane lines and a high ceiling with large windows. A teal semi-transparent box is overlaid on the right side of the image, containing text.

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

- 25m swimming pool
- National league basketball arena and sports hall
- 130-piece cardiovascular gym
- Dedicated elite training gym
- Two fitness studios
- Squash courts
- Racquet-ball courts
- Competitive climbing wall

**Our outdoor facilities include an eight-lane, synthetic international standard track, grass pitches for Gaelic games, soccer and rugby, and a floodlit all-weather surface catering for all field sports. Opening in 2015 - a new 3G synthetic all-weather pitch for rugby, GAA and soccer.**

**Find out more:**

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

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A photograph of three students walking on a paved path in a university setting. In the foreground, a male student in an orange hoodie and a female student in a blue quilted jacket are walking away from the camera. The male student is carrying a black backpack, and the female student is carrying a large black shoulder bag. In the background, another female student in a denim jacket and blue jeans is walking towards the camera. The path is lined with green grass and trees, and a building with a blue arched window is visible in the distance.

**There are lots of benefits to getting involved in student life:**

- Students who get actively involved and participate in student life are happier and as a result more productive and successful in their studies.
- At NUI Galway, our student completion rate is higher than any other university in Ireland, at 86%.
- With over 110 societies and over 50 clubs you can share your passion for your favourite sports, hobbies and interests with other students.
- You can also get involved in volunteering, our mentoring programme and we have a range of support services to make sure you get all the help you need throughout your time at university.



# Student Life

**At NUI Galway**, you will enjoy a student experience that is truly unique. There are lots of opportunities to get involved and develop personal and life skills that will always stay with you.

Find out more:

|                                                                                        |   |
|----------------------------------------------------------------------------------------|---|
| <a href="http://www.socs.nuigalway.ie">www.socs.nuigalway.ie</a>                       | W |
| <a href="http://www.nuigalway.ie/alive">www.nuigalway.ie/alive</a>                     | W |
| <a href="http://www.student-connect.nuigalway.ie">www.student-connect.nuigalway.ie</a> | W |
| <a href="http://www.su.nuigalway.ie">www.su.nuigalway.ie</a>                           | W |





Galway has a reputation as a safe, young and student-friendly city. Students make up 20% of the population and they bring youth, energy and excitement to the city. This added dimension is what makes Galway the place to be.



# The University City

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Galway really is '**The University City**'.  
The campus is in the heart of the  
city centre, with all amenities on your  
doorstep or within walking distance.

Find out more:

|                                                                                |   |
|--------------------------------------------------------------------------------|---|
| <a href="http://www.giaf.ie">www.giaf.ie</a>                                   | W |
| <a href="http://www.galwayraces.com">www.galwayraces.com</a>                   | W |
| <a href="http://www.druid.ie">www.druid.ie</a>                                 | W |
| <a href="http://www.galwayfilmfleadh.com">www.galwayfilmfleadh.com</a>         | W |
| <a href="http://www.galwaycomedyfestival.com">www.galwaycomedyfestival.com</a> | W |





### Take advantage of the opportunities to study in Europe and beyond:

- We have over 400 Erasmus places in 125 universities all over Europe.
- You can spend a semester or year of your course abroad and get full recognition for your studies at your home university.
- You may receive an Erasmus grant to assist with the costs of travelling and living abroad.
- We also provide a number of opportunities to spend a year or semester in one of our partner institutions outside of Europe. Destinations include the USA, Canada, Hong Kong and Mexico.



# Study Abroad

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Studying abroad as part of your degree brings many benefits – you will improve your language skills, learn to appreciate other cultures and develop different perspectives on your course of study.

Saraïd McCarrick, BA with Human Rights, on Erasmus placement with La Croix Rouge Française, Brest, France, at La Dune du Pyla near Bordeaux, Europe's highest sand dune.

Find out more:

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

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### **Making an Impact**

Pictured at NUI Galway is Connacht Rugby player – Robbie Henshaw holding the Six Nations Trophy with Irish Rugby Head Coach – Joe Schmidt.





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

“At NUI Galway, we equip our students to become free-thinking, active citizens with the skills to critique and re-shape society’s values and institutions from positions of leadership at work and in the community.”

**Dr Edward Herring, FSA**  
Dean of the College of Arts, Social Sciences, and Celtic Studies



# Which Arts degree programme is right for you?

At NUI Galway, there are three main types of Arts degree. To help you choose, here is a brief overview of each.

## 1. BACHELOR OF ARTS (JOINT-HONOURS )

This is a three-year Joint-Honours degree programme, with 154 different two-subject degree combinations (shown on the table on page 33) available under the GY101 entry code. Numerous exciting study abroad opportunities exist on this programme and approximately 12% of students took them up last year. To avail of these opportunities, students pursue a four-year version (BA International) of the degree, that incorporates a year's study abroad.

The Joint-Honours BA is one of Ireland's most popular undergraduate degree programmes, with a key attraction being the uniquely wide range of two-subject degree combinations available.

**Entry** Apply to GY101

**Overview** Three years of academic study  
Four years – BA International

**Subjects** See the table opposite which shows the specific breakdown and further information on the choices available.

**International option** The BA (International) is a four-year version of the degree programme, where you spend your third year studying or on an approved work-based placement abroad.

This can only be entered via BA (Joint-Honours) GY101. Students are awarded places on the BA (International) on the basis of their subject choices and their second year performance.

## 2. BA CONNECT PROGRAMMES

These are four-year BA degrees, which offer all the benefits of a two-subject Bachelor of Arts degree together with a specialism of your choice. They allow you to study special interest subjects.

**Entry** Direct entry into your programme of interest

**Overview** Four years of academic study with the opportunity, in your third year, of pursuing your specialism in a choice of environments which include: on-campus and off-campus learning opportunities; student exchange agreements - study at partner universities in the Americas, the UK or Europe; placements with public bodies (including Non-Governmental Organisations); the performing arts sector and the creative industries.

**Programmes** See page 43 for a specific breakdown and further information on the programmes available.

Bachelor of Arts with:

- ▶ Children's Studies GY110
- ▶ Creative Writing GY111
- ▶ Film Studies GY112
- ▶ Human Rights GY113
- ▶ Irish Studies GY114
- ▶ Performing Arts Studies GY115
- ▶ Latin American Studies GY117
- ▶ Journalism GY119



### 3. DENOMINATED ARTS PROGRAMMES

Denominated Arts Programmes (listed below) are highly specialised degrees, with individual CAO entry codes, of three or four-years' duration, depending on the programme.

**Entry** Direct entry into your programme of interest

**Overview** Three or four years of academic study, with an optional placement within your area of specialism on some programmes.

**Programmes** See the specific programme pages for programme details.

- GY103 ▶ Bachelor of Arts (Public and Social Policy)
- GY104 ▶ Bachelor of Arts (Psychology)
- GY105 ▶ Bachelor of Arts (History)
- GY109 ▶ Bachelor of Arts (Mathematics and Education)
- GY118 ▶ Bachelor of Arts (Drama, Theatre and Performance Studies)
- GY120 ▶ Bachelor of Arts (Youth and Family Studies)

**International option** The Bachelor of Arts GY103 (Public and Social Policy), the Bachelor of Arts GY104 (Psychology), and the Bachelor of Arts GY105 (History) also have an international option, where students can spend a year studying abroad.

### SUBJECT GROUPS FOR BACHELOR OF ARTS (JOINT-HONOURS) AND BA CONNECT PROGRAMMES

Students may only select one subject from a group.

Important note: subjects in blue are only available as part of a BA *CONNECT* programme.

Important note: the subjects in purple are only available as part of the BA (Drama, Theatre and Performance Studies).

#### Group One

- ▶ Archaeology
- ▶ French <sup>2,3</sup>
- ▶ Mathematics <sup>6</sup>

#### Group Two

- ▶ Legal Studies <sup>5</sup>
- ▶ Psychology <sup>4,5</sup>
- ▶ Celtic Civilisation
- ▶ Human Rights
- ▶ Film Studies
- ▶ Latin American Studies <sup>7</sup>

#### Group Three

- ▶ Classics
- ▶ Geography
- ▶ German <sup>2,3</sup>
- ▶ Irish Studies <sup>4</sup>
- ▶ Journalism <sup>4</sup>

#### Group Four

- ▶ English
- ▶ Economics
- ▶ Children's Studies <sup>4</sup>

#### Group Five

- ▶ Sociological and Political Studies
- ▶ Information Technology <sup>1</sup>
- ▶ Welsh <sup>2</sup>
- ▶ Léann an Aistriúcháin
- ▶ Creative Writing <sup>4</sup>
- ▶ Performing Arts Studies <sup>4</sup>
- ▶ Theatre

#### Group Six

- ▶ History
- ▶ Spanish <sup>2,3</sup>
- ▶ Drama

#### Group Seven

- ▶ Gaeilge
- ▶ Italian <sup>2,3</sup>
- ▶ Philosophy

Please see the footnotes 1–7 on page 31 for specific information.



# Bachelor of Arts (Joint-Honours)

## COURSE FACTS

**CAO Code:** GY101

**Course Level:** 8

**Duration:** 3 years (BA degree) 4 years (BA International degree)

**Minimum Entry Points 2014:** 300

**Minimum A-Level Grades:** CCC or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 1,000

### KEY FACT

The BA offers 154 different two-subject combinations that can be studied to degree level – you really can shape your own degree programme.

### Find out more:

College of Arts, Social Sciences, and Celtic Studies

+353 91 493 958

collegearts@nuigalway.ie

www.nuigalway.ie/arts

This is a highly flexible programme, offering you a very wide range of two-subject combinations to degree level. See the table on page 33 to see all of the two-subject degree combinations available. In addition to academic rigour, you will acquire transferable skills designed to make you career-ready and equipped for employment and further study in Ireland or abroad. Over the course of your three-year degree, you will be able to pursue and develop your interests across a broad range of subjects. The Joint-Honours BA will help you become a disciplined and creative thinker, capable of expressing your thoughts coherently and persuasively.

## Programme structure

You will study three subjects in First Arts. You will then pursue two of the subjects that you pass in first year to degree level - in Second and Final Arts.

## Choosing subjects

During Orientation Week, you will be given the opportunity to learn about all the subjects we offer and how particular subject combinations fit well together. In addition, you will be assigned an Academic Advisor for the duration of your programme, who can help with subject choices and other academic matters. Talks by students and lecturers on the different subjects available in Arts can be found on the following website: [www.youtube.com/user/thinkingaboutnuig/](http://www.youtube.com/user/thinkingaboutnuig/)

## Work-related experience

Throughout your studies on the BA, you will acquire skills that are needed in the workplace. These include communication skills, making presentations, using information technology and social media effectively, group-working, and problem-solving. In addition, there are service-learning modules in some subjects, where students bring their knowledge into the community and the experience acquired back to the classroom. Fieldwork is a feature of certain subjects, where, in addition to specialist skills, students learn how to work in teams and independently. Final year research projects encourage independent working, knowledge acquisition and evaluation, and the writing of polished reports. Opportunities also exist for students to take up internships, supporting staff of the University in the pursuit of cutting-edge research.

## International links

Through the BA (International) option, students on the Joint-Honours BA 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.

## Further study

Many Arts graduates undertake research-based or taught postgraduate programmes. These may be academic or vocational in their focus and they prepare graduates for a wide range of careers, including teaching, law, languages, social work, performing arts, journalism, policy development, creative industries, business, heritage, information technology and public administration. The University offers a wide range of taught masters degrees and postgraduate diploma programmes of interest to Arts graduates. In the past number of years, the College has pioneered the development of structured PhD programmes which combine the traditional research dissertation of the PhD with generic and discipline-specific training modules designed to enhance students' skills and employability. These programmes can be viewed at: [www.nuigalway.ie/courses/taught-postgraduate-courses/](http://www.nuigalway.ie/courses/taught-postgraduate-courses/) [www.nuigalway.ie/courses/research-postgraduate-programmes/](http://www.nuigalway.ie/courses/research-postgraduate-programmes/)

## Career prospects

Arts graduates can be found in almost every walk of life and BA graduates from NUI Galway occupy leading positions in commercial, social, educational, and public organisations at home and abroad. This website 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/careers/students/degreeopp.html](http://www.nuigalway.ie/careers/students/degreeopp.html) or [www.nuigalway.ie/courses/undergraduate-courses/arts/careerwitharts/](http://www.nuigalway.ie/courses/undergraduate-courses/arts/careerwitharts/)



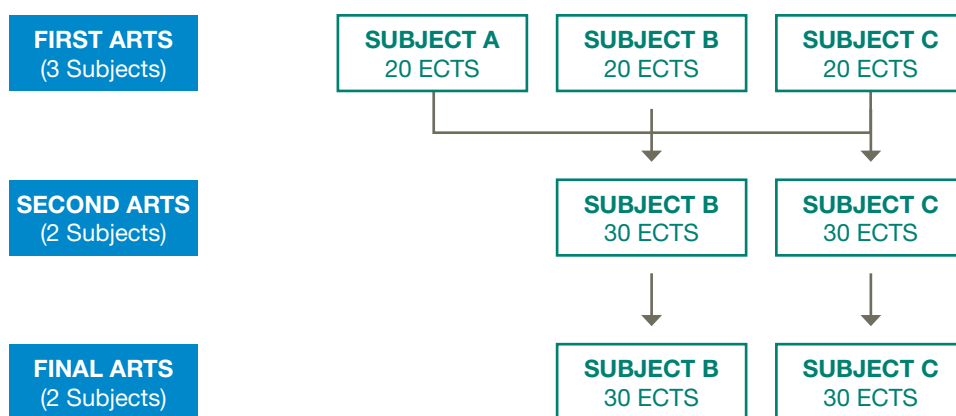
# Bachelor of Arts (Joint-Honours) (continued)

## SUBJECT GROUPS FOR BACHELOR OF ARTS (JOINT-HONOURS)

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

|                                                                                                                                                                     |                                                                                                                                       |                                                                                                                                                                                                                        |                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Group One</b> <ul style="list-style-type: none"> <li>▶ Archaeology</li> <li>▶ French <sup>2,3</sup></li> <li>▶ Mathematics <sup>6</sup></li> </ul>               | <b>Group Three</b> <ul style="list-style-type: none"> <li>▶ Classics</li> <li>▶ Geography</li> <li>▶ German <sup>2,3</sup></li> </ul> | <b>Group Five</b> <ul style="list-style-type: none"> <li>▶ Sociological and Political Studies</li> <li>▶ Information Technology <sup>1</sup></li> <li>▶ Welsh <sup>2</sup></li> <li>▶ Léann an Aistriúcháin</li> </ul> | <b>Group Six</b> <ul style="list-style-type: none"> <li>▶ History</li> <li>▶ Spanish <sup>2,3</sup></li> </ul>                         |
| <b>Group Two</b> <ul style="list-style-type: none"> <li>▶ Legal Studies <sup>5</sup></li> <li>▶ Psychology <sup>4,5</sup></li> <li>▶ Celtic Civilisation</li> </ul> | <b>Group Four</b> <ul style="list-style-type: none"> <li>▶ English</li> <li>▶ Economics</li> </ul>                                    |                                                                                                                                                                                                                        | <b>Group Seven</b> <ul style="list-style-type: none"> <li>▶ Gaeilge</li> <li>▶ Italian <sup>2,3</sup></li> <li>▶ Philosophy</li> </ul> |

The Bachelor of Arts (Joint-Honours) is a three-year degree. Students must register for three subjects in First Arts. In Second and Final Arts, students continue with two of the subjects passed in First Arts. Please refer to pages 34 - 42 for descriptions of subjects.



## Footnotes

- (1) A class limit of 120 places operates in Information Technology in First Arts. Places are offered in the first week of registration.
- (2) Italian, German, Spanish and Welsh may be taken at First Arts without previous knowledge of those languages. Students should note that Welsh is only available to First Arts level. Students wishing to take First Year French will be expected to have attained a Grade C1 in Honours French in the Leaving Certificate.
- (3) 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 registered for two languages are required to spend a minimum of twelve weeks in each of the countries/regions where the relevant languages are spoken. This will usually consist of at least one semester in one language area and a Summer placement in the other. Alternative arrangements may be made provided they are approved in advance by academic discipline coordinators. Therefore, after having successfully completed the Second Arts Examination and in advance of registering for Final Year studies of the BA programme, students will be required to spend a period abroad in order to prepare them for the demands of the Final Year of their degree studies in a Language.
- (4) Psychology is offered in First Arts of the BA (Joint-Honours) Degree (CAO Code GY101), the BA *CONNECT* programmes (CAO Code GY110, GY111, GY114, GY115, GY119). Students may progress with Psychological Studies in Second Arts and Final Arts in combination with one other subject of the BA (Joint-Honours) and relevant *CONNECT* programmes only. Progression to Psychological Studies in Second Arts is subject to a merit-based quota of 100 places.
- (5) For students entering First Arts in September 2015, a restriction on progression to Second Arts in 2016-2017 in Legal Studies of 100 places, and in Second Arts Psychological Studies of 100 places will apply. Places in Legal 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 (2015-2016), where the student must have passed the First Arts Examination outright by achieving an average of 40% or higher in each of the three subjects. A maximum of 100 places in Second Arts Psychological Studies applies to students progressing to Second Arts in 2016-2017. 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 (2015-2016), where the student must have passed the First Arts Examination outright by achieving an average of 40% or higher in each of their three subjects.
- (6) 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, who have taken and passed module MA186, may take Mathematics in Second Arts, which is the same level of Mathematics as taken by students in the College of Science.
- (7) Students registered for the BA with Latin American Studies must select Spanish as one of their three traditional subject areas in addition to the Specialism of Latin American Studies.



# Bachelor of Arts (International)

The BA (International) is a four-year version of the BA (Joint-Honours), BA (Public and Social Policy), BA (Psychology), and BA (History) programmes. Applications are made in Second Arts and students spend their third year studying in 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 twelve weeks in each of the countries/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/region. Non-language students may also take a BA (International) by spending a year abroad in China, North America, or on European exchanges where programmes are available through English.

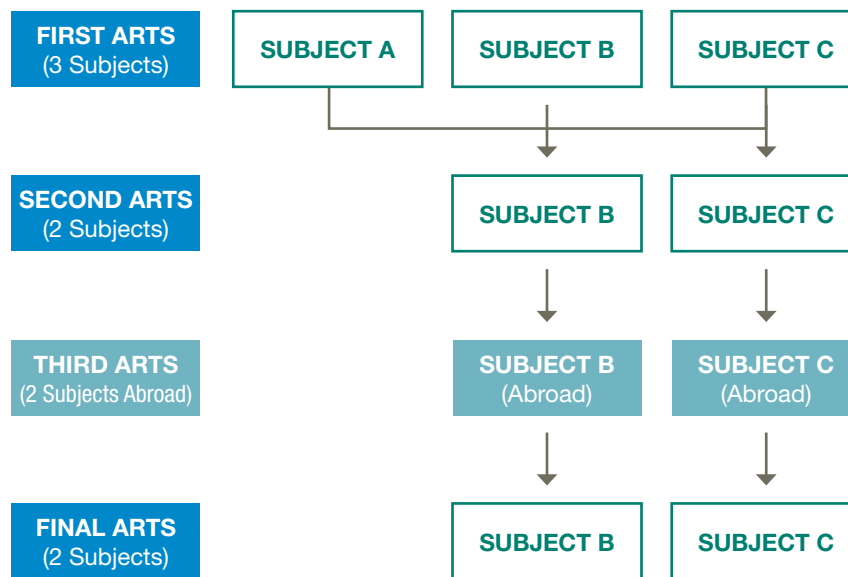
## Subjects

Students of the BA may be considered for admission to the BA (International) degree where their degree subject(s) are drawn from the following: Archaeology, Celtic Civilisation, Classics, Economics, English, French, Geography, German, History, Information Technology, Irish, Italian, Léann an Aistriúcháin, Legal Studies, Mathematics, Mathematical Studies, Philosophy, Psychology, Psychological Studies, Sociological and Political Studies, and Spanish.

## Bachelor of Arts (International) Programme Structure

The BA (International) is a four-year version of the BA Programme (BA (Joint-Honours), BA (Public and Social Policy), BA (History) and BA (Psychology) only. It involves students spending a period of study in another country in the third year of the programme, before returning to complete the final year of their degree.

Please refer to pages 30 – 32 for full programme details.



I chose to study Arts because it opens up a wide range of career opportunities such as law, business and teaching. Combining professional rugby for Connacht and Ireland, with my first year at university was difficult at first, but I am intent on getting my degree with the help and guidance of the Course Coordinator and the Lecturers. I feel it's important to have a good third level degree for the future.

**Robbie Henshaw – Bachelor of Arts**



# Joint-Honours combinations available on GY101

|                                    | Archaeology | Celtic Civilisation | Classics | Economics | English | French | Gaeilge | Geography | German | History | Information Technology | Italian | Léann an Aistriúcháin | Legal Studies | Mathematics/Mathematical Studies | Philosophy | Psychological Studies | Sociological and Political Studies | Spanish |
|------------------------------------|-------------|---------------------|----------|-----------|---------|--------|---------|-----------|--------|---------|------------------------|---------|-----------------------|---------------|----------------------------------|------------|-----------------------|------------------------------------|---------|
| Archaeology                        | x           |                     |          |           |         | x      |         |           |        |         |                        |         |                       |               | x                                |            |                       |                                    |         |
| Celtic Civilisation                |             | x                   |          |           |         |        |         |           |        |         |                        |         |                       | x             |                                  |            | x                     |                                    |         |
| Classics                           |             |                     | x        |           |         |        |         | x         | x      |         |                        |         |                       |               |                                  |            |                       |                                    |         |
| Economics                          |             |                     |          | x         | x       |        |         |           |        |         |                        |         |                       |               |                                  |            |                       |                                    |         |
| English                            |             |                     |          | x         | x       |        |         |           |        |         |                        |         |                       |               |                                  |            |                       |                                    |         |
| French                             | x           |                     |          |           |         | x      |         |           |        |         |                        |         |                       |               | x                                |            |                       |                                    |         |
| Gaeilge                            |             |                     |          |           |         |        | x       |           |        |         |                        | x       |                       |               |                                  | x          |                       |                                    |         |
| Geography                          |             |                     | x        |           |         |        |         | x         | x      |         |                        |         |                       |               |                                  |            |                       |                                    |         |
| German                             |             |                     | x        |           |         |        |         | x         | x      |         |                        |         |                       |               |                                  |            |                       |                                    |         |
| History                            |             |                     |          |           |         |        |         |           |        | x       |                        |         |                       |               |                                  |            |                       |                                    | x       |
| Information Technology             |             |                     |          |           |         |        |         |           |        |         | x                      |         | x                     |               |                                  |            |                       | x                                  |         |
| Italian                            |             |                     |          |           |         |        | x       |           |        |         |                        | x       |                       |               |                                  | x          |                       |                                    |         |
| Léann an Aistriúcháin              |             |                     |          |           |         |        |         |           |        |         | x                      |         | x                     |               |                                  |            |                       | x                                  |         |
| Legal Studies                      |             | x                   |          |           |         |        |         |           |        |         |                        |         |                       | x             |                                  |            | x                     |                                    |         |
| Mathematics/Mathematical Studies   | x           |                     |          |           |         | x      |         |           |        |         |                        |         |                       |               | x                                |            |                       |                                    |         |
| Philosophy                         |             |                     |          |           |         |        | x       |           |        |         |                        | x       |                       |               |                                  | x          |                       |                                    |         |
| Psychological Studies              |             | x                   |          |           |         |        |         |           |        |         |                        |         |                       | x             |                                  |            | x                     |                                    |         |
| Sociological and Political Studies |             |                     |          |           |         |        |         |           |        |         | x                      |         | x                     |               |                                  |            |                       | x                                  |         |
| Spanish                            |             |                     |          |           |         |        |         |           |        | x       |                        |         |                       |               |                                  |            |                       |                                    | x       |

|                                   |   |
|-----------------------------------|---|
| Subject combination available     |   |
| Subject combination not available | x |



# BA (Joint-Honours) Subject Descriptions

## ARCHAEOLOGY

Past societies are fascinating. Archaeology, from the arresting Laetoli Hominid footprints to the astronomical sophistication of Newgrange, the architecture of Norman castles and tenant houses of the Famine period, shows how humans have adapted to all kinds of physical environments and interacted with their surroundings and each other in the past. By studying the ways in which different peoples organised themselves, what they created and how they understood the meaning of existence, we are, in fact, finding out what it means to be human.

### Why study Archaeology?

Since Archaeology was established as a discipline, it has played a key role as a social science and humanity in universities world-wide. Archaeology contributes important insights to the story of humankind. Archaeologists generate new knowledge by working together with a range of specialists, such as palaeobotanists who reconstruct prehistoric and historical environments, chemists who analyse food residues from ancient pots, physicists who measure atomic decay for radiocarbon dating, zoologists who analyse animal bones and linguists and historians who study the spoken word and written documents. Studying Archaeology will provide you with interpretative, analytical and communication skills of direct value in a wide range of career paths, particularly in heritage-related professions. Archaeology at NUI Galway has an international reputation for producing quality graduates and postgraduates.

### What will I be studying?

The first year programme combines four lectures per week with field and lab-based learning. It is an introduction to the subject that covers important aspects of Irish, European and World Archaeology. The programme is designed to initiate the development of the student's ability and skills as a recorder, reader and communicator of the material remains of the past and as an advocate for the important messages of archaeology and human heritages in the modern world. The strong link between teaching and research makes Archaeology at university a unique experience: we don't just impart knowledge, we create it. Exciting discoveries made by NUI Galway archaeologists ensure that students are exposed to cutting-edge research.

*Careers and further study options with Archaeology*  
[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#archaeology](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#archaeology)

## CELTIC CIVILISATION

Celtic Civilisation is the study of the legacy of the Celts in the world, from the earliest times – the sixth century BC when we first encounter them in history – through their encounters with the ancient Greeks and Romans, through the formation in the early Middle Ages of the peoples and nations of Ireland, northern and western Britain and France, and on to aspects of their lives in early modern and modern western Europe. Celtic Civilisation covers the history, archaeology, languages, literature, mythologies and cultures of the Celts through the centuries.

### Why study Celtic Civilisation?

To study Celtic Civilisation is to gain an insight into the reality behind popular conceptions and misconceptions of the Celts in their ancient, medieval and modern incarnations. You will uncover the truth behind myths and discover how the Celts and their descendants have left a great imprint on history and culture in Europe and beyond, and continue to do so. Celtic Civilisation shows another side to the common picture of mankind than is usually presented.

### What will I be studying?

First year gives students a foundation in what Celtic Civilisation means and in the methods and approaches necessary for its study, and covers the ancient and medieval history of the Celts, the archaeology of the Celts, the medieval literature of Ireland and Wales, and the mythology and folklore of the Celts. In second and in final year, there is a choice of modules covering many aspects of the medieval society and literature of Celtic peoples in greater depth than in first year, as well as options in the Old Irish and Welsh languages, and in Archaeology, History, Classics and English. All Irish and Welsh literature is studied in translation and no previous knowledge of any Celtic language is required at any stage.

## CLASSICS

Classics is about the origins of our cultural identity, tracing literature, art and social life from their beginnings in the ancient Near East through Greek and Roman antiquity and on to the diversification of Christian Europe in the Middle Ages. There are three main strands to the subject: languages, history and literature, and art and architecture. You will be introduced to each of these three areas and will have the opportunity to focus on specialist areas of your choice as the course develops.

### Why study Classics?

The subject provides a rich and varied view of language, ideas, philosophy and religion, as well as training in archaeology, art history and the investigation of the human past. Classics provides a wide range of transferable skills, such as critical analysis, analytical writing and oral presentation. It also leads to postgraduate opportunities in such fields as linguistics, medieval studies, archaeology and heritage management. The subject looks at tradition and heritage at the same time as applying and exploring challenging modern and post-modern approaches to literature, language, and the visual arts.



## What will I be studying?

The first year of the programme gives a grounding in each of the three key strands of the subject, oriented from the civilisations of the ancient Mediterranean area, especially Greece and Rome. Separate lecture courses explore archaeology and art history; myth, poetry and the history of ideas; and the development and spread of ancient languages from their origins right up to the world of modern Europe. The modules in years two and three develop and deepen these themes: you will have the opportunity to learn Greek and Latin from beginner level upward, and/or to pursue specialist modules in archaeology, history, mythology and literature. Throughout, a theme of special interest is the reception of the ancient Mediterranean in later times and places. Specialist modules focus on the spread of classical culture to these islands in the medieval period, and on the relationship between Graeco-Roman and Irish traditions in literature and thought.

*Careers and further study options with Classics*

[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#classics](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#classics)

## ECONOMICS



For the last few years, economics has been central to public debate domestically and internationally. As economies – including Ireland's – have boomed and then crashed dramatically, citizens and policy makers have intensively discussed the causes and consequences of global economic crises. They have looked to economics and to economists, often critically, to provide explanations and solutions. So, there has rarely been a better time to study Economics at university level in order to appreciate the terms of an ongoing and lively set of debates. In introductory Economics courses, you first encounter the key analytical tools which economists use to understand market economies and the role of governments in them. These are the foundations upon which more advanced work in specific areas of economics can be built, opening up varied landscapes for enquiring minds.

## Why study Economics?

Studying Economics gives you:

- An insight into the various economic relationships in the real world around you
- A set of skills of wide applicability, particularly related to making sense of economic data and ideas
- An introduction to the analytical tools you need to help you to explore and understand these relationships
- The opportunity to deepen your understanding of current affairs, the economics of the market place, economic factors influencing politics and how economic issues have influenced the course of history.

## What will I be studying?

The study of Economics at introductory level comprises two branches. First, microeconomics analyses the behaviour of individual people in markets as workers, consumers/savers and owners of capital. The second branch, macroeconomics, considers the economy at the aggregate level, combining all those individual people and their enterprises. At a national or international level, the state of an economy may be influenced by government policies, and we study what impact different policies are likely to have on an economy. Throughout, the Skills for Economics component introduces you to a wide range of skills for the working economist, including for example, data management, presentations, and report writing. These first year courses can be taken as a satisfying complement to other degree subjects or as the start of a degree in Economics. In the second and final years of the degree, you delve deeper into these themes and explore other dimensions to economic life. Other upper-level courses range over Irish economic history, environmental economics, money and banking, public sector economics, development economics, and health economics. Throughout a course of study in Economics, you will encounter the interplay between theory to guide your thinking and the challenges of testing that theory against evidence. An ultimate aim is to use this knowledge to help design economic policy at micro and macro levels.

*Careers and further study options with Economics*

[www.nuigalway.ie/careers/students/opps/opps\\_business\\_law.html#economics](http://www.nuigalway.ie/careers/students/opps/opps_business_law.html#economics)

## ENGLISH

The study of English is the study of creative expression in the English language. We range across many historical periods, from the Middle Ages to the present day, and we cover many different forms of expression, including novels, stories, plays, poetry, film, essays and journalism. Our courses introduce you to literature in English from around the world, including Ireland, Britain, North America, Africa and Asia. We also aim to help you develop your critical thinking and communication skills to an advanced level.

## Why study English?

The study of English is valuable for several reasons. By introducing you to a wide variety of creative work and critical commentary, it encourages you to think about literature and culture in an informed and interesting way. By assisting you with your own writing practice, it also helps improve your ability to think clearly, to read attentively and to express your views clearly and effectively. These skills in analysis and expression are highly sought after in many areas of life. Graduates of English have used their skills in teaching, journalism, the creative arts, public service, law, public relations, the heritage industries, management, librarianship, professional writing, information technology and many other fields.



## What will I be studying?

In first year English, you will be introduced to selected works of fiction, poetry, drama and literary criticism. The first year places strong emphasis on the development of good writing and research skills. In second and final year English, you choose from a wide range of option courses, ranging from familiar topics like Shakespeare's plays to less familiar ones like African literature, practical theatre, cinema studies and creative writing workshops. In final year, you will also have the option of preparing an original research paper on a topic chosen by yourself in consultation with the teaching staff.

*Careers and further study options with English*  
[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#english](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#english)

## FRENCH

French is one of the most widely spoken languages in the world. 110 million people speak it as a first language in France, Belgium, Switzerland, Luxembourg, and parts of Canada. Around 200 million more people speak French as a second language, especially in Africa. Bloomberg Businessweek rated it in 2011 as the third most useful language to learn for business, behind only English and Chinese.

## Why study French?

Students of French acquire a high level of written and oral communication skills, to deliver messages accurately and effectively. Cultural production in the French language is particularly rich and students take modules in literature, ideas, cinema, media, and contemporary French and Francophone societies. This broadens students' cultural knowledge, enabling them to better understand the culture of France and their own culture.

## What will I be studying?

Language courses help you to write and speak accurate French, and to distinguish between levels of language appropriate to different situations. Lectures are reinforced by small-group tutorials with native speakers, in which you develop your analytical skills and critical thinking. Assessment includes continuous assessment, essays, language tests, presentations, projects and traditional examinations. You will also typically spend a year abroad as a full-time student or as a Language Assistant. The BA course in French is available through the medium of either English or Irish.

## Careers

The international importance of French as a major language of business, administration and government means that it is highly valued by employers. Its study opens up a wide variety of careers, both in Ireland and abroad. These include communications, law, teaching and the creative industries.

*Careers and further study options with French*  
[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#languages](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#languages)

## GAEILGE

Céard faoi staidéar a dhéanamh ar an nGaeilge in OÉ Gaillimh, áit a bhfuil seasamh ar leith agus traidisiún fada léinn ag an nGaeilge? Is cinnte go bhfuil neart Gaeilge agat cheana féin ó do laethanta scoile, ón mbaile más de bhunadh na Gaeltachta thú nó má tógadh thú i dteaghlach a labhraíonn Gaeilge nó má d'fhreastail tú ar scoil a fheidhmíonn trí mheán na Gaeilge. Nó b'fhéidir gur chaith tú tréimhsí sa Ghaeltacht. Má chinneann tú BA sa Ghaeilge a dhéanamh foghlaimoidh tú faoi oidhreacht liteartha, chultúrtha agus teanga na Gaeilge ó thús aimsire go dtí an lá atá inniu ann. Chomh maith leis sin, gheobhaidh tú deis líofacht a bhaint amach sa Ghaeilge, idir labhairt agus scríobh.

## Céard iad na hábhair staidéir?

Leagtar béim faoi leith sa chúrsa BA ar an teanga bheo. Déantar iniúchadh ar shaol agus ar chultúr na teanga mar atá sa lá atá inniu ann – litríocht agus drámaíocht chomhaimseartha, an Ghaeilge sna meáin, sochtheangeolaíocht agus teanga sa tsochaí, srl. – le cois gnéithe níos sine den traidisiún – an tSean-Ghaeilge agus an Mheán-Ghaeilge, Gaeilge Chlasaiceach, litríocht an 17ú–19ú céad, na Teangacha Ceilteacha srl. Bíonn idir léachtaí agus ranganna teagaisc le grúpaí níos lú i gceist.

## Cad chuige ar cheart staidéar a dhéanamh ar an nGaeilge?

Má chinneann tú cúrsa Gaeilge a dhéanamh tiocfaidh feabhas ar do chuid scileanna cumarsáide agus anailíse, scileanna cainte agus scríofa san áireamh. Maidir le fostaíocht, téann mic léinn na Gaeilge ag obair in earnáil an oideachais fré chéile agus in earnálacha mar an fhoilsitheoireacht, an tionscal cultúrtha agus oidhreacht, an státseirbhís, agus seirbhísí aistriúcháin agus ateangaireachta. Ina theannta sin, téann siad leis an iriseoireacht, idir chlóite, leictreonach agus chraolta, le heagraíochtaí mar TG4, RTÉ agus RTÉ Raidió na Gaeltachta. Bíonn siad ag obair freisin in earnáil na Gaeilge, sa Ghaeltacht agus ar fud na tíre.

Múintear an teanga i ngrúpaí beaga in Áras na Gaeilge, foirgneamh Gaeilge na hOllscoile ina bhfuil áiseanna den scoth, ina measc caifitéire inar féidir leat bualadh le cairde agus do chuid Gaeilge a chleachtadh. Féadfaidh mic léinn freastal ar chúrsaí teanga in ionad Gaeltachta OÉ Gaillimh, Áras Mháirtín Uí Chadhain ar an gCeathrú Rua, áit ina bhfuil an Ghaeilge mar theanga an phobail. Ar an gcampas bíonn deis ag mic léinn páirt a ghlacadh sa saol gníomhach sóisialta as Gaeilge trí bheith páirteach i gcumainn mar An Cumann Éigse agus Seanchais, An Cumann Craic agus An Cumann Drámaíochta.

Ina theannta sin, tá Roinn na Gaeilge, i gcomhar le hAcadamh na hOllscolaíochta Gaeilge, ag tairiscint cúrsa ainmnithe 4 bliana – BA Gaeilge agus Léann an Aistriúcháin (GY107). Caithear bliain 3 den chúrsa seo i mbun chleachtadh oibre i dtionscal an aistriúcháin nó i dtionscal gaolmhar sa Ghaeltacht. I measc na gcúrsaí iarchéime atá ar fáil tá MA, MLitt nó PhD i Roinn na Gaeilge, le cois cúrsaí idirdhisciplíneacha iarchéime eile.

*Careers and further study options with Gaeilge*  
[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#irish](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#irish)



## GEOGRAPHY



Geography is a multi-faceted, diverse and exciting field of study. It is the key bridging subject linking the humanities, the social sciences and the sciences. It provides an insight into each of these broad areas of human knowledge. People's impact on the Earth, as reflected in the environment, forms the central theme.

The relationships between society and the environment are highly complex, multifaceted and often contested. In taking Geography, not only will students acquire an understanding of people's place in the world, they will also develop a skill set (research, computing/ GIS, cartography, surveying) that is of wide applicability in multiple walks of life.

### Why study Geography?

A degree in Geography can lead to a career in many different fields after appropriate postgraduate study or training. Recent graduates have excelled and carved out niches for themselves in lecturing, teaching, environmental consultancy, journalism, heritage work, marketing, planning, tourism, government and policy institute research, and NGO and CSO development work.

### What will I be studying?

First year introduces you to key geographical ideas, processes and concepts that impact on and shape the physical and human landscape. A significant element of first year Geography is our emphasis on field, mapping and lab skills. To help develop your abilities in this crucial area, we have developed a series of short field trips for you in your first year in combination with other practical and theoretical exercises. The composite nature of the discipline is reflected in the rich diversity of courses on offer in second year and third year. The conceptual and critical engagement in these years positions Geography as a fundamental academic concern in understanding the complex interactions (human and physical) within the world in which we live. Courses on offer range from Rural to Urban Geography, Coastal Environments to Climatology, Geographies of Cyberspace 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.

*Careers and further study options with Geography*

[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#geography](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#geography)

## GERMAN

100 million people speak German as their native language – more than any other language in Europe. These include not only the residents of Germany and Austria but also significant populations in Switzerland, Luxembourg, Liechtenstein, northern Italy and elsewhere. German is also the second language for many others, particularly in Eastern Europe. Germany's consistently solid industrial performance – it is the biggest economy in Europe – means that the language is highly important for economic reasons, but its cultural importance is even greater. Studying German life, language and culture will give you access to a fascinating world of ideas and experiences. German is the language of many of the world's leading thinkers and creative artists, such as Karl Marx, Sigmund Freud and Albert Einstein, and one in ten books currently published in the world comes from Germany. Significantly, German also maintains a high internet presence.

### Why study German?

The best reason for studying German is if you have an interest in Germany, German lifestyle and culture and those who speak German. First year courses are offered for both beginners and those at post-Leaving Certificate level, so you do not need any previous knowledge of the language. The BA (International) programme includes one-year Erasmus placements at German universities after second year. Postgraduate programmes include the MA in German, MA in Advanced Language Skills, MA in Translation Studies and MA in International Contemporary Literatures and Media. From a career perspective, German provides an excellent foundation for national and international careers in business, education, journalism and the media, translation, tourism and the diplomatic service.

### What will I be studying?

During each year of the BA degree, you will follow core modules in written and spoken German, as well as modules in literature and culture. While the primary emphasis in first year is on developing language skills, you are also introduced to aspects of history, culture, literature and film in German speaking countries. In second and in final year, you choose from a broad range of optional courses on specific aspects of German literature and culture (ranging from the Middle Ages to the present), the arts (e.g. music, film), media production (e.g. podcasting, creative writing, journalism), linguistics, and history of language. Between second and final year, you are encouraged to spend an Erasmus-funded additional year studying your subjects at a German university. The current exchange agreements are with the following universities: Augsburg, Bamberg, Berlin, Bochum, Dresden, Frankfurt, Freiburg, Karlsruhe, Kassel, Leipzig, Mainz and Würzburg.

*Careers and further study options with German*

[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#languages](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#languages)

## HISTORY



History is first and foremost about people, the forces that shaped their lives and the ways in which they changed their societies. Studying history makes us aware that our world today took on its current appearance less by chance than as a result of specific developments and decisions taken in the past.

### Why study History?

In asking questions of the past and in finding the answers, students of History acquire skills that will prove invaluable in numerous career paths. Such skills include 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. Those who choose History will also gain a long-term perspective on all Arts subjects.

### What will I be studying?

History students at NUI Galway have the opportunity to explore the histories of Ireland, Britain, continental Europe, North America, Australasia and Africa from the Middle Ages to the present. Modules cover a range of themes, such as nationalism, colonialism, slavery, children, gender and war. From first-year on, students are taught in small groups as well as larger lecture groups by highly qualified staff.

In first year, students taking History will examine social, political and cultural developments in Ireland and Europe from the early Middle Ages up to World War One. They take four modules in total, two in each semester. While one module each semester consists of lectures on aspects of these time periods, the other provides a more interactive learning experience in a small group setting. As well as learning about what happened in the past, students are introduced to the techniques used by professional historians – the evaluation of contemporary sources, the balancing of different interpretations of the past, and the construction of one's own view of historical developments. Both students who have taken History for Leaving Certificate and those who have not are welcome to study History at NUI Galway. All will receive close attention in tutorial groups of 15 students, which meet weekly to discuss the lecture topics.

In second year, students are introduced to a broader range of time periods and themes. They take four modules, delivered by a mixture of lectures and tutorials, and a colloquium, which functions as an introduction to research methods.

In final year, students take two seminar modules, which provide them with an opportunity to conduct independent research into the past, and two other modules of their choice.

*Careers and further study options with History*

[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#history](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#history)

## INFORMATION TECHNOLOGY



Information Technology is a broad term that encompasses a wide spectrum of knowledge and skills related to the design, development and deployment of information and communication technologies in the modern world, as well as the study of the social and economic impacts of this deployment. Computer and communications technologies have fundamentally altered the way individuals do business, communicate, work and play, bringing great opportunities and challenges, and a corresponding need for entirely new skills and knowledge: knowledge and skills acquired in the study of Information Technology.

### Why study Information Technology?

The study of Information Technology is suited to students who are inquisitive, creative, like problem solving and want to understand more about the workings of technology and how it is developed and deployed in the world around us. Information Technology students at NUI Galway 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 the graduate with valuable vocational skills. Graduates from the BA programme have all the traditional BA employment avenues available to them enhanced with the knowledge of computing acquired.

### What will I be studying?

In first year, students are introduced to the fundamentals of Information Technology and Computing and they develop immediately useful skills in computer programming and internet applications. Building on this foundation, second and third year courses expose the student to more advanced topics in programming, information systems and databases, Web based systems and Systems Analysis and Design. Final year students complete a substantial IT project which integrates the computing skills developed during the preceding years' study (i.e. programming, databases, networks, web applications). All of the Information Technology courses are complemented by practical laboratory classes and assignments.



## ITALIAN

Italian is a major language and its culture had and continues to have a central place in the shaping of Europe. Italian is also the language of a vibrant and creative EU country that has made extraordinary contributions to all forms of culture down through the centuries.

### Why study Italian?

The quality of care, individual attention and successful teaching devoted to students by members of the department ensures that the programme is very rewarding. Italian is taught in small groups with students benefiting from substantial interaction with lecturers.

Italian helps in many careers – teaching, communications, business, law, services, administration, the arts and translation.

Italian is enjoyable. Students are welcome to join the Italian Society, and contribute to and participate in social and cultural events, which provide an ideal opportunity for Irish and Italian students to meet and socialise.

You will have the opportunity to spend the third year of your degree in Italy, experiencing a new culture and discovering a vibrant country.

### What will I be studying?

A thorough introduction to all aspects of the language is provided during first year, along with the study of modern Italian society and culture. In second and third year, courses on advanced language skills are provided, as well as modules on contemporary Italian culture, translation techniques, literature, art, song and cinema. Language teaching generally takes place in small groups and continues in second and third year to develop confidence and ability in both spoken and written Italian. Students also have the opportunity to spend third year abroad, studying at universities in Italy such as Bologna, Genova, Milano, Torino, Trento, Udine, Urbino or Verona as part of the BA (International) programme.

*Careers and further study options with Italian*

[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#languages](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#languages)

## LÉANN AN AISTRIÚCHÁIN



San ábhar Léann an Aistriúcháin déantar staidéar ar theoiric agus ar ghnéithe praiticiúla an aistriúcháin. Is ábhar ildisciplíneach é Léann an Aistriúcháin agus déantar staidéar ar réimse leathan topaicí lena n-áirítear gramadach, litríocht, teicneolaíocht faisnéise agus téarmaolaíocht. Pléitear le coincheapa leithne an aistriúcháin ar fud an domhain ón tseanaimsir go dtí an lá inniu agus breathnaítear freisin ar na saincheisteanna praiticiúla a bhaineann leis an aistriúchán ó Bhéarla go Gaeilge.

### Cad chuige ar cheart staidéar a dhéanamh ar Léann an Aistriúcháin?

Is ábhar ilghnéitheach agus suimiúil é Léann an Aistriúcháin agus is cinnte go dtabharfaidh sé dúshlán na mac léinn agus go n-ullmhóidh sé mic léinn don saol tar éis na hollscoile. Cuirfear feabhas thar cuimse ar do chuid scileanna teanga agus tabharfar tuiscint níos fearr duit ar na ceisteanna bunúsacha a bhaineann leis an aistriúchán. Tabharfar deis do mhic léinn a bheidh i mbun staidéir ar an ábhar, Léann an Aistriúcháin, eolas a aistriú ó theanga amháin go teanga eile ar bhealach gairmiúil agus cruinn. Cuirfidh na scileanna aistriúcháin seo ar chumas na mac léinn fostaíocht a bhaint amach san earnáil aistriúcháin agus iad críochnaithe lena gcuid staidéir.

### Céard iad na hábhair staidéir?

I measc na n-ábhar a ndéantar staidéar orthu ar an gcúrsa seo, tá Gramadach na Gaeilge, an tAistriúchán Ríomhchuidithe, an Téarmaolaíocht, Stair an Aistriúcháin in Éirinn, Eagarthóireacht agus Fotheidealú.

## LEGAL STUDIES

Legal Studies is the umbrella term for the law subjects taken in the BA degree programme. The BA with Legal Studies gives students the opportunity to combine law with a wide range of other Arts subjects. The first year Legal Studies course is made up of three modules: the Irish Legal System, which covers the history and structure of the Irish legal system; Key Issues in Irish Law, which introduces students to aspects of core subjects such as Constitutional Law, Criminal Law and Human Rights Law; and Legal Skills, which introduces students to the skills required for legal research, writing and presentation.

### Why study Legal Studies?

Legal Studies graduates will acquire a solid grounding in Law. Furthermore, those who wish to qualify as a solicitor or barrister may proceed into the final year of the LLB programme in NUI Galway so that they can complete some additional core law subjects necessary to meet the entrance and examination requirements of the legal professional bodies.

## What will I be studying?

### Year One

Legal Studies (Legal Skills, Key Issues in Irish Law, Irish Legal System) plus three other subjects from the Arts subject groupings.

### Year Two

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

### Year Three

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

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

*Careers and further study options with Legal Studies*  
[www.nuigalway.ie/careers/students/opps/opps\\_business\\_law.html#law](http://www.nuigalway.ie/careers/students/opps/opps_business_law.html#law)

## MATHEMATICS



Mathematics and Mathematical Studies incorporate all aspects of mathematics and statistics, and their applications. Mathematics is the language for the logical study of the structure of our world. It has developed from counting, calculating and measurement through the use of abstraction and analogy, by recognizing the fundamental role that comparisons play in the mental process of 'understanding'. It is an area of great beauty and value, providing a continuous link through the intellectual, cultural and technological development of the human race for the last 5,000 years.

Mathematical Studies underpin many other disciplines. Applied Mathematics is concerned with the development and use of mathematical models to investigate problems that arise in such areas as biology, engineering, physics and the social sciences.

## Why study Mathematics and Mathematical Studies?

Graduates of these subjects have skills that are highly valued by employers, 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 already nurtured in the 1st year, small group based, workshops that augment the more traditional lecture and tutorial material. Graduates find employment in a wide range of areas, including the financial sector, the IT and software industry, the MET service, the civil service and the teaching profession. Opportunities for further study and research in Mathematics and its applications also exist.

## What will I be studying?

The first year of this programme consists of a broad-ranging introduction to all aspects of Mathematics, its applications and its historical and cultural development. After first year, students will have the possibility to continue to degree level either in Mathematics or in Mathematical Studies. The subject Mathematical Studies is broadly 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.

*Careers and further study options with Mathematics*  
[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#maths](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#maths)

## PHILOSOPHY

Philosophy critically examines the basic assumptions of society, politics, art, religion and science in a rigorous and sustained manner. It also embraces fundamental questions such as the nature of reality and God, and key basic approaches to the understanding of right and wrong.

## Why study Philosophy?

Philosophy teaches skills of thinking and communicating which are invaluable in many different careers and walks of life. It teaches you how to examine and criticise arguments, and how to analyse problems in a clear and coherent manner. These are crucial skills, with direct relevance to such diverse areas as business, public service, education, information technology, law, social services and journalism. In a nutshell, philosophy extends and sharpens the imaginative and critical skills of students. This gives them 'an edge' – at a time when, with many careers, it is increasingly necessary to think 'outside the box'.

## What will I be studying?

One of the great attractions of studying Philosophy in university is that it is something you probably didn't study at school. At NUI Galway, we introduce you to Philosophy through distinct but complementary first year courses, encompassing both the history of philosophy and general philosophical problems. Second year study is more specialised, and is divided between core and optional courses. The core courses are in the philosophy of language and ancient philosophy. The optional courses range from ethics (especially bioethics) to political philosophy, philosophy of art, and modern philosophy. In third year, the courses extend from the philosophies of science and religion to the philosophy of mind and applied philosophy.

*Careers and further study options with Philosophy*  
[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#philosophy](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#philosophy)



## PSYCHOLOGY

Psychology is the science of behaviour, and includes individual and social, human and animal, and normal and abnormal aspects of behaviour.

### Why study Psychology?

Even a little knowledge of Psychology is of relevance to those who wish to pursue careers in areas such as education, commerce, the civil service, management or the mass media. The full honours degree (see GY104 BA (Psychology) on page 55) is a basic requirement for anyone who intends to become a professional psychologist. For those wishing to combine Psychology with another subject within the BA (Omnibus) – GY101, the subject Psychological Studies is offered from second year on as one of the subject choices in the programme.

### What will I be studying?

The first year course in Psychology introduces the student to the main areas of the discipline, including child development, the study of internal mental processes (e.g. memory, problem solving), the impact of social influence on individuals, and methods of psychological research. There are 100 places for students entering Psychological Studies in second year. A total of 15 places in second year of the denominated BA in Psychology (GY104) are available to students on the BA (Omnibus) – GY101. Places will be decided on academic merit.

The award of the BA with Psychological Studies and one other subject follows two further years of study in the pure and applied fields of psychology, including forensic, abnormal and clinical cognitive, developmental, biological, health and social psychology.

The completion of the one-year Higher Diploma in Psychology (Conversion) following the joint degree brings the student 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.

*Careers and further study options with Psychology*  
[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#psychology](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#psychology)

## SOCIOLOGICAL & POLITICAL STUDIES



The School of Political Science and Sociology is unique in Ireland for offering two academic disciplines in a fully integrated programme. Political Science systematically engages with aspects of political life and political behaviour, as well as crucial political concepts such as freedom, democracy and (in) equality. Sociology analytically explores constitutive facets of society such as culture, identity and diversity. Sociological and Political Studies students critically and practically engage with the sociological and political debates about the individual, political and global challenges of living in a modern society. Both disciplines aim to provide theoretical and empirical information about the nature of social and political life in contemporary societies, along with generating in-depth arguments and analyses about how and why societies change, and what alternatives might be possible.

### Why study Sociological and Political Studies?

Sociological and Political Studies should be a definite subject for any student interested in political and social developments, current affairs and politics. Many students find it a genuinely engaging and stimulating subject in its own right. It provides an excellent basis for the development of critical thinking, communication and writing skills, and is appreciated by employers for imparting in students a superb awareness of vital social and political trends in society. From a career perspective, Sociological and Political Studies offers an excellent foundation for a career in public administration, journalism and media, social work, business, community work, policy research and analysis, public relations and advocacy. Postgraduate opportunities provide further qualifications through both specialised masters programmes such as the MA in Community Development, the MA in Social Work, the MA in Family Support, and the MA in Global Women's Studies, and an MLitt and PhD by research. The President of Ireland, Michael D. Higgins, is a past graduate of and a former lecturer in the School of Political Science and Sociology.

### What will I be studying?

Students are introduced to basic concepts in political science and sociology, Irish society and politics, political sociology, political and social theory, social science research methods and computer skills, European society and politics, public policy, and development theories and practices. Students are further facilitated in choosing a specialist area from a range of distinct topics reflecting the current research undertaken by the lecturers. The School of Political Science and Sociology offers a genuinely interdisciplinary social sciences education. Opportunities to study abroad feature as part of the undergraduate programme.

*Careers and further study options with Sociological & Political Studies*  
[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#social](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#social)

## SPANISH

Spanish is a major world language, spoken as a mother tongue by more than 350 million people in Spain and Latin America, and being learned as a foreign language around the world by another 300 million. In NUI Galway, the subject includes study of the language, study of Spanish and Latin American literature, and study of the cultures and societies of Spain and Latin America.

### Why study Spanish?

Taking Spanish as one of your subjects in the College of Arts, Social Sciences, and Celtic Studies will enable you to develop a sound knowledge of the language, spend a year living and studying in Spain or Mexico, and explore the rich cultural heritage of Spain and Latin America, including major works of literature and film that have been produced in the Spanish language.

### What will I be studying?

Spanish is offered at beginners' and post-Leaving Certificate level. All students who attained a Grade C3 or higher in the Leaving Certificate Honours Spanish paper or equivalent will take first year Intermediate Spanish. All other students with limited or no experience with Spanish will be placed in the Beginner Spanish course. Both courses aim to achieve a confident fluency in written and oral Spanish and to give students a sound understanding of major aspects of Spanish and Latin American life and modern Spanish and Latin American history and culture, including film. Students of Spanish who opt for the BA (International) spend their time abroad attached to a selected university in Spain (Alcala de Henares (near Madrid), Bilbao, Cadiz, Extremadura, Granada, La Rioja, Malaga, Murcia, Oviedo, Salamanca, Valencia, Valladolid or Zaragoza) or Veracruz in Mexico. University placements in Spain normally attract funding from EU schemes.

*Careers and further study options with Spanish*

[www.nuigalway.ie/careers/students/opps/opps\\_arts.html#languages](http://www.nuigalway.ie/careers/students/opps/opps_arts.html#languages)

## WELSH

Welsh is the language of about 600,000 people in Wales. It is a Celtic language, closely related to Irish and similar in many ways, but different in many ways also (many people learning it find it easier than Irish). It is one of the official languages of the United Kingdom, and is the medium for a rich literature from medieval times to the present day, where it still has a central place in the cultural and political life of modern Wales.

### Why study Welsh?

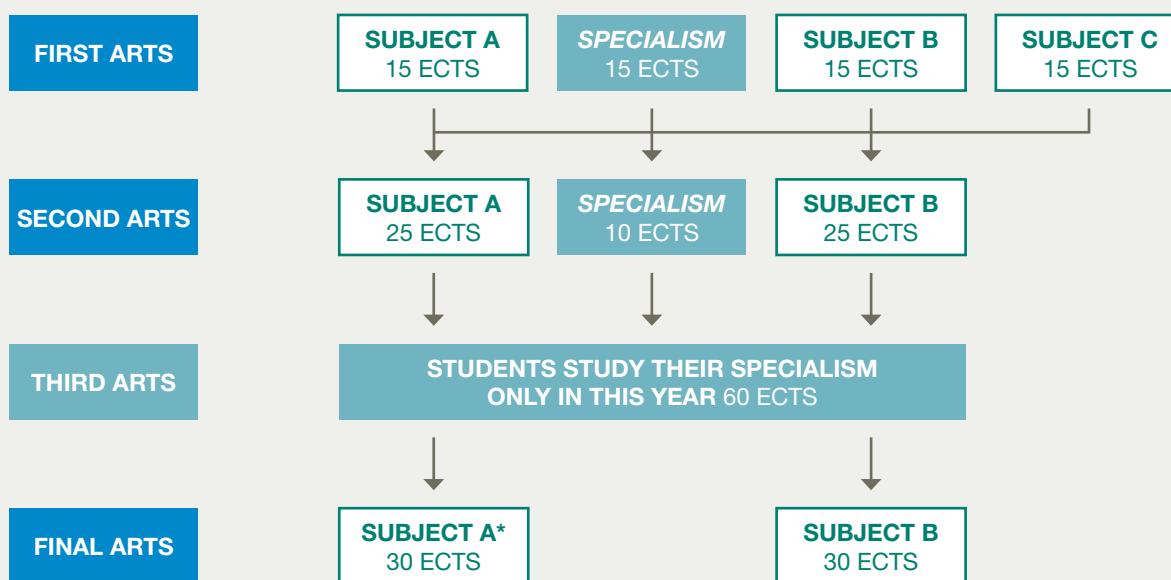
By studying Welsh you will learn to appreciate another side to the cultural and linguistic diversity of Britain and Ireland. You will gain access to the varied social life of Welsh-speaking Wales. You will have an insight into a language and culture with closer historical links with Irish language and culture than any other except that of Gaelic Scotland and the Isle of Man. If you are learning Welsh from a non-Irish language background, it may be your first opportunity to experience another side to the prevailing English-language culture of Britain.

### What will I be studying?

Welsh can be studied as one of your three First Arts subjects. You will study modules introducing you to the Welsh language as it is used today. At the end of the year, you will have a knowledge of basic conversational Welsh. In addition, two other first year modules introduce you to Welsh culture and society and to Welsh literature and history. After first year, Welsh is available as an option in the BA programme of Celtic Civilisation, and must be studied to a higher level in the BA in Celtic Studies. No previous knowledge of the language is required to study Welsh.



# BA *CONNECT* Programme Structure<sup>1</sup>



\*Students may have the opportunity to develop a specialism-related project within one or both of their subjects.

## What is a BA *CONNECT* programme?

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

Students may choose from the following special interest subjects:

- ▶ Bachelor of Arts with Children's Studies GY110
- ▶ Bachelor of Arts with Creative Writing GY111
- ▶ Bachelor of Arts with Film Studies GY112
- ▶ Bachelor of Arts with Human Rights GY113
- ▶ Bachelor of Arts with Irish Studies GY114
- ▶ Bachelor of Arts with Performing Arts Studies GY115
- ▶ Bachelor of Arts with Latin American Studies GY117<sup>2</sup>
- ▶ Bachelor of Arts with Journalism GY119

You will have an opportunity to gain in-depth knowledge in the area that is of particular interest to you and gain valuable work and life experience in your chosen career path. With an approximate intake of 15 students per programme, you will be able to connect with other students and benefit from the support as well as the active and personalised learning environment that is provided to a small group. In addition to attending lectures, workshops and tutorials, you may have an opportunity to study in a university abroad or gain work experience relevant to your chosen specialism.

### Notes:

- 1 BA *CONNECT* degrees operate on a modular structure. Students in First Year take modules in three subject areas from the Joint-Honours BA menu in addition to modules in their chosen specialism.
2. Re GY117 - Students registered for the BA with Latin American Studies must select Spanish as one of their three traditional subject areas in addition to the Specialism of Latin American Studies.

# Bachelor of Arts with Children's Studies

## COURSE FACTS

**CAO Code:** GY110

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 420

**Minimum A-Level Grades:**

ABC & a (AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

### Additional Requirements:

Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 15



### KEY FACT

At present, the BA with Children's Studies is the only degree in Ireland or the UK that enables students to combine two Arts subjects with a specialism in Children's Studies.

### Find out more:

College of Arts, Social Sciences, and Celtic Studies

**t** +353 91 493 958

**e** collegearts@nuigalway.ie

**w** www.nuigalway.ie/arts

The BA with Children's Studies is a multidisciplinary programme that seeks to understand the human condition from the perspective of children. It focuses on children's lived experiences and on the issues that affect them, and it draws on expertise from a wide range of areas, including literature, the creative arts, law, human rights, health promotion, sociology and psychology.

It is particularly suited to those who are interested in working with children or adolescents, and who would like to know more about the possible career paths available to them. It has been carefully structured to provide exposure to a wide range of theoretical approaches to childhood and adolescence, and it also enables students to gain valuable practical experience working with the young.

### Work placement

Placements are undertaken in the second semester of third year. Students are expected to complete 200 hours over 10 weeks with an approved child-centred organisation. Possible opportunities include working with local schools, ISPCG Galway, Ability West, Barretstown Camps, Galway Youth Theatre, The Scouting Association of Ireland, Children in Hospital Ireland, after-school clubs, Foróige, and the NUI Galway-based Child and Family Research Centre. Students who choose to study a foreign language as part of their degree are encouraged to take up international work placements.

### International links

Students who perform well in the first two years of the programme can apply to study Children's Studies at York University in Canada in the third year. This exchange is highly competitive and selection is based on academic performance in the first two years. Students taking a foreign language are encouraged to seek out an international work placement. 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 prospects

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

### Further Study

Graduates are well situated to apply to postgraduate programmes with a focus on children. Students interested in primary teaching are encouraged to apply to the Professional Master of Education (formerly the Graduate Diploma in Education) in Mary Immaculate College, Limerick. Students interested in child and family support services may apply to the MA in Family Support Services at NUI Galway's Child and Family Research Centre. Depending on the subjects taken with Children's Studies, graduates may also apply to postgraduate programmes in child and family law, psychology, or social work.

## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ European Fairytale
- ▶ Child Law
- ▶ Psychology

### Year Three

- ▶ Connecting Research, Policy and Practice in Children's Studies

- ▶ Children and Human Rights
- ▶ Designing Play: Workshop in Creativity for Children
- ▶ Children and Health
- ▶ Work Placement/Study Abroad

### Year Four

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



I chose this degree programme as I knew I wanted to work with children in the future. I knew the BA with Children's Studies would keep my options open. I know now that I want to go into teaching and I fully intend to apply what I have learnt.

**Hannah Gibbons Coyle – BA with Children's Studies**



# Bachelor of Arts with Creative Writing

The BA with Creative Writing provides a unique opportunity for undergraduates with an aptitude and passion for literary expression. You will immediately be placed in a learning environment with people of similar creative interests and you will be advised on a one-to-one basis by the Programme Director and mentor. The programme provides a focus for you as a creative writer through a series of workshops that will in turn facilitate and guide you in your self-directed learning. Whether you are a beginner or an improver, the BA with Creative Writing provides the ideal environment of a structured programme that enables independent development. We welcome all kinds of writing interests, from the highly literary to popular writing and journalism, from writing for children and young adults to autobiography and memoir, from graphic fiction to poetry, drama and screenwriting. Whatever your preference, there is only one requirement: the wish to write well.

## Work placement

In keeping with the principle that 'writers learn to write by writing', the emphasis of the third year of Creative Writing is very much on practice-based learning and experience. In close 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). A published author of good standing in your chosen genre is commissioned to perform as your editor-mentor for the duration of your independent project(s). If you have an opportunity of a writing-related placement or an idea for strengthening your work and profile through online or other activities (blogging, social media, electronic

publishing, etc.), the Programme Director will engage with you on the possibilities for adapting these to the requirements of your independent project(s).

## International links

Language departments require that you spend a period in a relevant country during your third year. Your work for Creative Writing takes precedence over a language, and since the aim of the third year of Creative Writing is to get budding writers out of the classroom and into situations that closely resemble the working lives of writers, the better option when doing a language may be to pursue a placement or assistantship abroad. Exchanges with European universities are possible in some cases, and non-language students may also avail of an exchange with an English-speaking university.

## Career prospects

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

## Further Study

A BA with Creative Writing will 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, literature and creativity. At NUI Galway, for example, it is now possible to study and practice creative writing at all levels: from your undergraduate period on to our MA in Writing, and then on to a practice-led PhD in English. The BA with Creative Writing is the perfect foundation for your long-term commitments in this field.

## COURSE FACTS

**CAO Code:** GY111

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 460

**Minimum A-Level Grades:**

AAA & b(AS) or equivalent combination

**Leaving Certificate Entry**

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 15



## KEY FACT

Throughout the first year a guest speaker from the writing professions visits the class each week for discussions and informal Q&A. Helen Hughes is a winner of the Faber and Faber/David Tebbutt Scholarship 2014 and will pursue an MA in Publishing at University College London.

## COURSE OUTLINE

### Year One

- ▶ Module 1: The Forms of Fiction
- ▶ Module 2: Exploring Nonfiction
- ▶ 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



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**

## Find out more:

College of Arts, Social Sciences, and Celtic Studies

+353 91 495 612

john.kenny@nuigalway.ie

www.nuigalway.ie/arts

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# Bachelor of Arts with Film Studies

## COURSE FACTS

**CAO Code:** GY112

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 385

**Minimum A-Level Grades:**  
AAB or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 20



## KEY FACT

Small student-centred classes with a mix of theory and reflective practice makes the BA with Film Studies a unique programme that produces confident graduates with transferable skills.

### Find out more:

College of Arts, Social Sciences, and Celtic Studies

**t** +353 91 493 958

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**w** www.nuigalway.ie/arts

Film Studies enables students to analyse, contextualise and theorise a range of cinema from over a century of film history. Across a variety of periods and genres, directors and stars, it offers insight into the culture and society, ideology and economics underpinning the art form. Beyond the specifics of film and its contexts you will develop critical skills in analysis and writing, learn how to research and synthesise information in the digital age, and gain insight into the structures and economics of the entertainment industries in a global context. Although NOT a practical course, there is also opportunity for learning film-production skills in third year.

This degree course offers students a unique opportunity to engage with film theories, histories and scholarship while also pursuing a traditional two-subject BA. The Huston School of Film and Digital Media is the designated centre for the study of film at NUI Galway. As well as a team of excellent teachers and teaching facilities for screen education, we have an unmatched DVD library and regular visits from noted film studies experts and industry professionals.

## International links

During their third year, students are afforded the opportunity to study for a semester abroad. Current partnership agreements include: University of Southampton, University of Kent, Manchester Metropolitan University, University of Sussex, Drexel University, University of Aix-Marseill, Cardinal Herarra.

Students can also attend one of the 10 constituent colleges of the University of California such as UC Berkeley, UCLA or UC San Diego.

## Work placement

Students who do not undertake a semester abroad during their third year can formulate a semester of independent study that includes work placements, practice based projects and a personal theoretical investigation tailored to individual interests. Those 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.

## Career prospects

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

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

## Further study

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

## COURSE OUTLINE

- |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>▶ Introduction to Film: Film and Form</li> <li>▶ Introduction to Film II: Film and Genre</li> <li>▶ Introduction to Film III: Beyond Hollywood</li> <li>▶ Cinema and Realism</li> <li>▶ Digital Storytelling</li> <li>▶ Irish Cinema</li> <li>▶ Non-Western Cinemas</li> </ul> | <ul style="list-style-type: none"> <li>▶ Academic Researching and Writing in Film Studies (Film Theory and Methodologies)</li> <li>▶ Early and Silent Cinema</li> <li>▶ Introduction to Visual Culture</li> <li>▶ Applied Film Studies</li> <li>▶ Study Abroad Placement</li> <li>▶ Independent Research Project</li> <li>▶ Independent Study Module (Work Experience)</li> </ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



The course covers a wide range of topics from Irish cinema to film adaptations and contemporary cinema. In third year, I had the opportunity to go to Philadelphia and study film production classes which was an incredible experience!

**Jennifer Fox – BA with Film Studies**



# Bachelor of Arts with Human Rights

## UNIQUE

THIS IS THE ONLY UNDERGRADUATE PROGRAMME OF ITS KIND IN IRELAND

The BA with Human Rights is an innovative four-year degree programme, combining arts subjects with human rights. It covers the historical evolution of international human rights from the 1948 Universal Declaration of Human Rights to the latest international treaties. It provides an overview of the international human rights system, particularly how it regulates the relationship between states and individuals. Students will work with key concepts such as human dignity, equality and non-discrimination. The course also covers the role of different actors in the promotion and protection of human rights. It covers the human rights work undertaken by the United Nations, various Non-Governmental Organisations (NGOs), and regional and national systems. The programme provides a solid basis for those willing to work in the area of human rights, in Ireland or abroad. It also provides an excellent basis for students willing to pursue postgraduate studies in human rights.

## 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 20h per week for 3 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. Most students undertake their placements in NGOs working with human rights. Limited funding is available to support students during their placement, through the Erasmus Placement Funding (especially covering placements taking place in EU countries).

## International links

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. As already mentioned, all students are encouraged to complete a work placement during their third year, and this can be done in Ireland or abroad.

## Career prospects

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

## Further Study

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

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

## COURSE FACTS

**CAO Code:** GY113

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 380

**Minimum A-Level Grades:**  
AAB or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

### Additional Requirements:

Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 20



## COURSE OUTLINE

### Year One

- Introduction to Human Rights

### Year Two

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

### Year Three (Options include)

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

### Year Four

- Two core degree subjects (BA Subjects)



The first year provided me with a general understanding of human rights principles and mechanisms. For the third year, we were required to do a six-month internship in any field of human rights. I had the amazing opportunity to be technical assistant to Commissioner Lucy Asuagbor of the African Commission of Human and Peoples' Rights.

**Róisín Mangan – BA with Human Rights**

## KEY FACT

The BA Connect with Human Rights is the only undergraduate programme of its kind in Ireland.

## Find out more:

College of Arts, Social Sciences, and Celtic Studies

+353 91 493 958

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

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

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# Bachelor of Arts with Irish Studies

## COURSE FACTS

**CAO Code:** GY114

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 320

**Minimum A-Level Grades:**  
BCC or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 20

What does it mean to be Irish? How do we construct a sense of Irishness for ourselves and for others? How do modern writers and performers create and critique Irish identities? These are key questions for Irish Studies, an international programme of learning that investigates Irish identity through the study of literature and traditional music and dance. Students explore how Ireland's self-image has changed over the past two centuries, from de Valera's Ireland to the self-confident multiculturalism of Riverdance and the challenges of the post-Celtic Tiger economy.

The BA with Irish Studies at NUI Galway offers all the benefits of a traditional two-subject degree together with an additional specialism in Irish Studies.

## International links

The Centre for Irish Studies at NUI, Galway has developed strong partnerships with some of the most renowned universities in Europe and North America. Students will spend the first semester of third year on international placement at one of these universities, in France, Sweden, the Czech Republic, the United Kingdom, Belgium or the United States.

## Career prospects

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

## Further study

The degree provides a strong basis for postgraduate programmes in Journalism, Irish Studies, English, Gaeilge, History, Ethnomusicology, Sociology and Political Science.



### KEY FACT

The skill set acquired is indispensable in the modern workplace: adaptability, flexibility, critical thinking, and a high degree of oral and written presentation skills.

### Find out more:

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w

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## COURSE OUTLINE

Four subjects, including Irish Studies, are taken in first year. Subjects are organised in seven timetable groups and not more than one subject may be taken from any one group. Irish Studies is delivered in the timetable of Arts subject Group 3. Please refer to the subject groupings page 29.

### Year One

- ▶ Writing Ireland I: An introduction to twentieth century Irish writing
- ▶ Writing Ireland II: The migrant experience in modern and contemporary Irish writing
- ▶ Performing Ireland I: An introduction to traditional Irish music and dance since 1893/ Music in the Diaspora

### Year Two

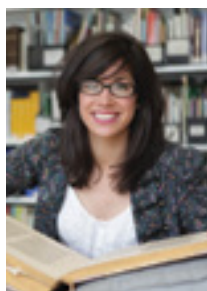
- ▶ Writing Ireland III: A sense of place: location and dislocation in modern Irish writing
- ▶ Performing Ireland II: Tunes and texts: Constructing identity in Irish music and dance

### Year Three

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

### Year Four

- ▶ Students complete the two core degree subjects and may incorporate in final year projects the specialist skills and knowledge gained in Irish Studies over the previous three years.



Irish studies is a wide-ranging and versatile course that will appeal to anyone with an interest in Irish culture, music, history, politics, literature and language. What I love about the course is that you learn about the impact Irish identity has on your personal experience. It is definitely a very fun and interesting course in which your curiosity is constantly stimulated.

**Treasa McGrath – BA with Irish Studies**



# Bachelor of Arts with Performing Arts Studies

This programme introduces students to dramatic literature, theatre history, and practical theatre, including acting. The programme is practice-based, with much of the teaching done through workshops. Students benefit from the strong links already forged with the theatre community. NUI Galway has a rich tradition in the arts: several of our former students have founded theatre companies locally, nationally and internationally. The course is particularly suited to students who wish to gain a qualification in two conventional Arts subjects (for example, English and French, Irish and History, etc), but who also wish to spend part of their time enjoying theatre classes.

## Work placement

Students have opportunities to go on work placement during the third year of the programme. Placements typically last 4-6 weeks and are with major Irish theatre companies, including the Abbey Theatre, Druid Theatre, Macnas, Galway Arts Festival, and many others throughout the country.

These experiences will prepare students not only for work in the performing arts but also give experience in such areas as marketing and communications, administration and budgeting, public relations, and so on.

## International links

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 US: University of California Berkeley, University of North Carolina (Chapel Hill), Keene State University. In Europe: Tours (France), Oviedo (Spain), Charles University Prague, and more.

## Career prospects

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

## COURSE FACTS

**CAO Code:** GY115

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 355

**Minimum A-Level Grades:**  
BBB or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 18



## COURSE OUTLINE

Students in their first year take modules in Performing Arts Studies and in three other subjects from the menu of subjects on offer. In second year, students carry forward two of their three other subjects from first year, and also some modules in performance. Third year is spent studying theatre and performing arts with professional practitioners or, in the case of language students, abroad. In fourth year, students drop Performing Arts Studies to concentrate on their two degree subjects.

### Year One (theatre is one-quarter of all classes)

- ▶ Theatre Workshop I
- ▶ Theatre Workshop II
- ▶ Theatre History

### Year Two (theatre is one-sixth of all classes)

- ▶ Acting Techniques and Performance History
- ▶ Styles of Performance

### Year Three (all classes are in theatre)

- ▶ Performing Arts
- ▶ The Theory and Practice of Acting and Directing
- ▶ Practical Theatre Experience
- ▶ Theatre Experience (Abroad)

### Year Four (no theatre classes)

- ▶ Students take degree subjects only, and do not study any Drama.



You will make valuable connections between your chosen Arts subjects and theatre whilst developing practical performance skills in several styles of acting, voice, improvisation, and directing. An academic aspect is provided with theatre history studies. 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**

## KEY FACT

NUI Galway is home to the Abbey Theatre Digital Archive – the largest online theatre archive ever created!

## Find out more:

Professor Patrick Lonergan  
Course Director  
Centre for Drama,  
Theatre and Performance

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www.nuigalway.ie/drama

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# Bachelor of Arts with Latin American Studies

## UNIQUE

THIS IS THE ONLY UNDERGRADUATE PROGRAMME OF ITS KIND IN IRELAND

### COURSE FACTS

**CAO Code:** GY117

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 410

**Minimum A-Level Grades:**

BBB & c(AS) or equivalent combination

#### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

#### Additional Requirements:

Students taking Latin American Studies must also take Spanish as one of their degree subjects from first year to final year (see subject groupings on page 29). Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 15



Latin American Studies explores the unique culture and society of South and Central America and the Caribbean through their distinctive anthropology, history, literature, sociology, politics and visual arts. The programme draws on the range of expertise that exists within Spanish and other disciplines at NUI Galway. Overall, this programme provides an invaluable opportunity to acquire an understanding of the distinctive cultures, heritage and societies of Latin America.

### Programme structure

Over the four years of the programme, the content includes modules on Latin American anthropology, history, literature, sociology, politics and visual arts. Students will be introduced to a wide range of cultural and theoretical approaches and they will acquire a range of intercultural and communication skills. Students taking this programme must take Spanish as one of their subjects in the first year of their degree, which they will study for four years. Students must also choose another subject (available in subject groupings). In the third year of their degree, students will have the option to pursue a period of academic exchange or a work placement (or a combination of both elements) in Latin America. In their final year, students will complete studies in their two degree subjects, incorporating the knowledge gained in the specialist study they have followed in the previous three years.

### Work placement/International links

In the third year of the programme, it is possible to undertake a work placement in Latin America for the whole year, or students may spend the full year

studying at a Latin American university. A combination of both elements is also possible (one semester study and one semester placement). Currently, options available include university placements in Mexico and Chile. Work placements, where appropriate, will give students practical experience within a Latin American context. If studying in Mexico or Chile, for instance, they will take modules on Mexican and Chilean literature and culture and also on wider Latin American history and society.

Living and studying/working through Spanish in Latin America will give students valuable insight into the societies and cultures they are studying in their specialism, and will also help them develop their language skills.

### Further study

Students will be in a position to apply their subject-specific knowledge and transferrable skills to undertake further studies in Latin American Studies at MA or PhD levels.

### Career prospects

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

### KEY FACT

NUI Galway is the only university in Ireland which offers an undergraduate programme in Latin American Studies.

#### Find out more:

Dr Kate Quinn  
Programme Coordinator  
College of Arts, Social  
Sciences, and Celtic Studies

t +353 91 492702

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colleagearts@nuigalway.ie

w www.nuigalway.ie/arts

### COURSE OUTLINE

#### Year One

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

#### Year Two

- Latin American History and Society
- Cultural Debates in Latin America

#### Year Three

- Work Placement/Study Abroad

#### Year Four

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



This is a high quality course, which provides a great insight into Latin American history, politics, society, art, literature and culture. Taking Spanish too makes everything more interesting. Anyone who is fascinated by Latin America will enjoy this programme as much as I did.

**Kamila Polchowska – BA with Latin American Studies**



# Bachelor of Arts with Journalism

The BA with Journalism provides an excellent career-focused opportunity for students who like to combine a capacity for expression and insight with a broad interest in society, media, communications and culture. Whether you are a beginner with an emerging interest in Journalism or an improver who has already been contributing in the field, the BA with Journalism provides the ideal environment of a structured programme that is also focused on independent expression and exploration. We welcome all kinds of journalism interests, from sports and politics, to fashion and music, to society and culture. Students will learn to work across platforms and media forms in a flexible programme with one underlying requirement: the wish to combine wide knowledge of society and culture with strong communication skills.

## Work placement

The aim of year three is to provide practical experience in the areas of Journalism that most interest you. Building on your modules over the previous two years, the principle for third year is that career-centred learning in journalism is best gained through involved observation in the workplace and immersion in situations that resemble the working lives of journalists. Methods of assessment will relate directly to the experience you are acquiring, and the primary focus will be your direct encounter with day-to-day journalistic work. In the context of a well-established background of teaching expertise in the field, with extensive experience in facilitating related work-placements with high-profile employers and organisations, and with newspaper, radio and television companies all located in its hinterland, the programme is perfectly placed to foster your journalism talent.

## International links

Students, particularly those taking a language, may choose to pursue a placement or assistantship abroad during their third year. Exchanges with international universities specific to journalism are possible, and students without a second language may also avail of a suitable exchange with an English-speaking university.

## Career prospects

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

## 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. The programme would be an ideal preparation for entry to our longstanding MA in Journalism at NUI Galway.

## COURSE FACTS

**CAO Code:** GY119

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 430

**Minimum A-Level Grades:**  
ABB & b(AS) or equivalent combination

**Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 15



## COURSE OUTLINE

### Year One

- ▶ Module 1: Cultural Foundations
- ▶ Module 2: This is the News
- ▶ Module 3: Journalists at Work

### Year Two

- ▶ Module 1: The Journalist's Web
- ▶ Module 2: Broadcasting Encounters

### Year Three

- ▶ Work observation/placement and/or study abroad

### Year Four

- ▶ Completion of studies in your two core degree subjects



NUI Galway is an ideal place to begin and develop your career in Journalism. With an excellent combination of intensive small-group training and practical experience, its programmes are perfectly attuned to contemporary advances in the field.

**Keith Duggan, Irish Times journalist, graduate of Journalism at NUI Galway**

## KEY FACT

Throughout the first year the class is regularly visited by guest speakers from the Journalism professions for discussions and informal Q&A.

## Find out more:

College of Arts, Social Sciences, and Celtic Studies

+353 91 493 958

collegearts@nuigalway.ie

www.nuigalway.ie/arts

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# BA (Drama, Theatre and Performance Studies)

## COURSE FACTS

**CAO Code:** GY118

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 405

**Minimum A-Level Grades:**

AAA or equivalent combination

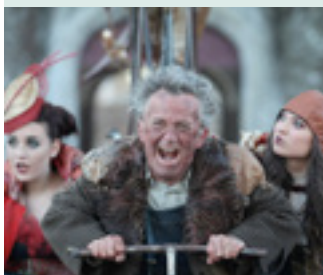
### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 18



### KEY FACT

Widely regarded as Ireland's cultural capital, Galway is the ideal place to study theatre. It has produced many major artists, including Garry Hynes, Artistic Director of Druid Theatre and the first woman to win a Tony Award on Broadway for Directing. She also teaches on the degree programme.

### Find out more:

Professor Patrick Lonergan  
Course Director  
Centre for Drama,  
Theatre and Performance

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**w** www.nuigalway.ie/drama

This is an exciting four-year, denominated programme developed for students with a keen interest in all aspects of drama, theatre and performance. This world-class programme provides unique opportunities to study drama, theatre and performance from practical, theoretical and historical perspectives. Students explore all aspects of performance, from theatre to film, and from traditional arts and storytelling to digital media.

One of the most innovative features of the programme is its emphasis on putting learning into practice through seminars in acting, design and directing, and through workshops with professional theatre companies, including the internationally acclaimed Druid Theatre, who have joined NUI Galway to establish The Druid Academy, which will produce the next generation of theatre-makers. Students also have full access to the Abbey Theatre Digital Archive, a unique resource that provides access to thousands of plays, videos, and more.

### Work Placement

All students have opportunities to go on work placement during the third year of the programme. Placements typically last 4-6 weeks and are with

major Irish theatre companies, including the Abbey Theatre, Druid Theatre, Macnas, Galway International Arts Festival, and many others throughout the country. These experiences will prepare students not only for work in the performing arts but also give experience in such areas as marketing and communications, administration and budgeting, public relations, and so on.

### International links

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 US: University of California Berkeley, University of North Carolina (Chapel Hill), Keene State University. In Europe: Tours (France), Oviedo (Spain), Charles University Prague, and more.

### Career prospects

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

### Further study

MA in Drama and Theatre Studies  
MA in Writing for Theatre  
MA in Theatre Practice and Production  
MA in Irish Drama and Theatre

## COURSE OUTLINE

### Year One

- ▶ Introduction to Performance
- ▶ Western Drama
- ▶ Thinking About Theatre
- ▶ Performance History and Practice

### Year Two

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

### Year Three

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

### Year Four

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

Several optional modules are made available in second, third and fourth year, allowing students to explore new areas and to develop their skills.



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, with different plays and work experience. I learnt to direct and produce as well as improving 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)**



# Bachelor of Arts (Youth and Family Studies)

## UNIQUE

THIS IS THE ONLY UNDERGRADUATE PROGRAMME OF ITS KIND IN IRELAND

This Youth and Family Studies Programme will enable you to develop the theoretical skills and practical know-how to work as a Youth Worker in a range of settings from general youth work to more specialised interventions. The Programme specifically focuses on the importance of prevention and early intervention work with young people and their families, be they experiencing adversity or not. A core strength of this programme is that teaching is research-led, which exposes you to cutting-edge work of the staff team. Furthermore, the programme creates the space for you to reflect upon and shape key issues across practice, policy and research, preparing you to apply for postgraduate courses that offer professional qualifications.

## Work placement

You will have the opportunity to practice your skills by participating in ALIVE, NUI Galway's Certified Student Volunteering Programme which operates both in the University and in the broader community. Check out the details at [www.cki.nuigalway.ie/alive/](http://www.cki.nuigalway.ie/alive/)

## Career Prospects

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

## Further study

Graduates with this degree will be eligible to apply for a range of postgraduate courses on offer at NUI Galway. These include for example, the MA in Social Work, MA in Family Support, MA in Community Development and MA in Gender, Globalisation and Rights.

## COURSE FACTS

**CAO Code:** GY120

**Course Level:** 8

**Duration:** 3 years

**Minimum Entry Points 2014:** 300

**Minimum A-Level Grades:**  
CCC or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 40

## COURSE OUTLINE

### Year One

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

- ▶ Quantitative Research Methods
- ▶ Economics of Public and Social Policy
- ▶ Therapeutic Communication
- ▶ Economics of Family Policy

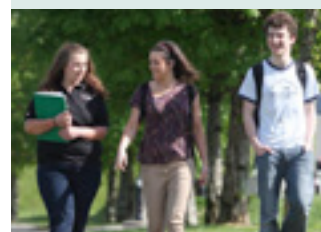
### Year Two

- ▶ Qualitative Research Methods
- ▶ Professional Skills
- ▶ Communities in Focus
- ▶ Understanding Family and Society
- ▶ Applied Microeconomics
- ▶ Promotion Mental Health and well-being in Families
- ▶ Conflict Transformation
- ▶ Youth Development

### Year Three

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

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.



## KEY FACT

This programme is the only full-time undergraduate programme in Youth and Family Studies in Ireland and is run in conjunction with the UNESCO Child and Family Research Centre at NUI Galway. The Centre undertakes research, education and training in the area of Family Support and Youth Development.

## Find out more:

Dr Cormac Forkan  
Course Director  
College of Arts, Social Sciences, and Celtic Studies

+353 91 493653

[cormac.forkan@nuigalway.ie](mailto:cormac.forkan@nuigalway.ie)

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



I chose this degree course because I wanted a career with people as the focus. With approachable and supportive staff, small classes and a practical approach to learning, which involved teamwork and continuous assessment, this degree has given me a real sense of determination and capability to pursue a career in community-based youth and family interventions.

**Grainne Brennan – BA (Youth and Family Studies)**

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# Bachelor of Arts (Public and Social Policy)

## COURSE FACTS

**CAO Code:** GY103

**Course Level:** 8

**Duration:** 3 years

**Minimum Entry Points 2014:** 355

**Minimum A-Level Grades:**  
BBB or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 60

Public and social policy relates to the role of the state in relation to the welfare of its citizens. This course is concerned with how government decision-making in all its stages is made and how this process can be improved. This programme aims to provide students with a detailed understanding of the sources of public and social policy, and the implications of that policy for social institutions, individuals and the political system. It draws on legal, social, political and economic theory, and provides students with an understanding of how these systems function. During this degree programme, students can develop specialisations in their chosen policy areas, such as health, crime, family, the environment, the right to housing, human rights and social inclusion.

### International links

Students on this course have availed of opportunities to study abroad with the Erasmus programme in various European universities in countries such as Malta, Belgium and the Netherlands.

### Further study

This programme provides students with a foundation from which they can pursue further study in the areas of social work, law, economics, sociology, politics, journalism, community development, teaching, human relations, business, and public and social policy. Graduates wishing to pursue a career in law may be admitted to the full law degree, the LLB, and are exempted from first year.

### Career prospects

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

## COURSE OUTLINE

### Year One

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

- ▶ European Politics
- ▶ Public Administration
- ▶ Intermediate Macroeconomics
- ▶ Economics of Public Policy
- ▶ Constitutional Law II
- ▶ Health Law and Policy
- ▶ Social Issues and Policy Responses
- ▶ Methods for Social and Political Scientists

### Year Three

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

### Year Two

- ▶ Intermediate Microeconomics
- ▶ Mathematics for Economics
- ▶ Sociology of Law
- ▶ Constitutional Law I

### KEY FACT

The BA in Public and Social Policy gives students a very good intellectual grounding for careers and further studies in a variety of disciplines including Law and Social Policy.

### Find out more:

College of Arts, Social Sciences, and Celtic Studies

**t** +353 91 493 958

**e** collegearts@nuigalway.ie

**w** [www.nuigalway.ie/courses/undergraduate-courses/arts-public-and-social-policy.html](http://www.nuigalway.ie/courses/undergraduate-courses/arts-public-and-social-policy.html)



This course is truly unique. I chose it as I was unsure which area would be my strongest, so after developing a broad knowledge of legal, political, economic and social systems it became clear which areas I wanted to specialise in. I loved studying dynamic, up to date, real life issues and the variety of modules complemented each other really well.

**Alexandra Hillen-Moore – BA (Public and Social Policy)**



# Bachelor of Arts (Psychology)

Psychology is the study of behaviour and mental processes, and includes individual and social, human and animal, normal and abnormal aspects.

## Programme structure

First year Psychology is taken with three other subjects selected from the extensive Arts menu. Second year and third year (the final year) of the BA in Psychology involve only courses in Psychology. The BA in Psychology satisfies the requirements for graduate membership of relevant professional societies (the Psychological Society of Ireland and the British Psychological Society), and the degree qualifies graduates for entry to specialist postgraduate professional programmes in Ireland, the UK, the US and elsewhere.

## International links

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 prospects

The BA in Psychology provides the foundation for professional careers in psychology, as well as careers in a host of cognate areas. Professional psychologists work in a variety of settings. For example, in the health services, they treat mental health issues, in educational settings, they identify learning needs and in industry, they work on recruitment and retention. Psychological researchers work as lecturers in third-level colleges or other research settings. Many graduates also find their psychology degree helps them in non-psychology professions such as banking, the media, information technology and management.

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

- Social and health services
- Counselling and therapy
- Industry and commerce
- Civil service
- Education
- The defence forces
- Journalism and the media
- Sport and recreation
- Organisation and management
- The criminal justice system

## COURSE OUTLINE

### Year One

- ▶ Cognitive Psychology
- ▶ Theories of Personality
- ▶ Research Methods
- ▶ Social Psychology
- ▶ Psychology of Learning
- ▶ Developmental Psychology
- ▶ Biology and Behaviour

Plus three other subjects are selected from the extensive Arts menu

### Year Two

- ▶ Developmental Psychology
- ▶ Experimental Psychology
- ▶ Qualitative Research Methods
- ▶ Biological Psychology
- ▶ Psychology of Learning
- ▶ Social Psychology
- ▶ Forensic, Abnormal and Clinical Psychology
- ▶ Applied Organisational Psychology

- ▶ Perception, Attention and Performance
- ▶ Research Methods in Psychology
- ▶ Positive Psychology

### Year Three

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

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.



Research is the backbone of this discipline and as such students are trained to become competent in both qualitative and quantitative experimental procedures. The psychology group is relatively small in comparison to other courses and as such students benefit from a more personable relationship with their lecturers', who are all extremely approachable and eager to help.

**Naomi de Bois – BA (Psychology)**

## COURSE FACTS

**CAO Code:** GY104

**Course Level:** 8

**Duration:** 3 years

**Minimum Entry Points 2014:** 525

**Minimum A-Level Grades:**  
AAAB or equivalent combination

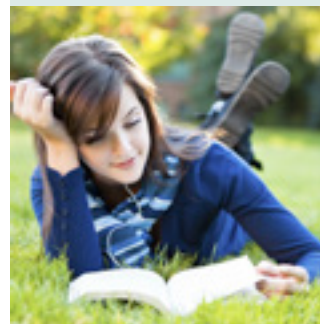
### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 15



## KEY FACT

Psychology prepares you for a diversity of interdisciplinary fields, including neuroscience, sports science, health promotion, and education.

## Find out more:

College of Arts, Social Sciences, and Celtic Studies

+353 91 493 958

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collegearts@nuigalway.ie

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www.nuigalway.ie/arts

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# Bachelor of Arts (History)

## COURSE FACTS

**CAO Code:** GY105

**Course Level:** 8

**Duration:** 3 years (4 if student spends a year on Erasmus abroad)

**Minimum Entry Points 2014:** 300

**Minimum A-Level Grades:**  
CCC or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Additional Requirements:** None

**Average Intake:** 15



### KEY FACT

The University appointed its first female professor, Mary Josephine Donovan, to the Chair of History in 1914. She taught students until her retirement in 1957.

### Find out more:

College of Arts, Social Sciences, and Celtic Studies

**t** +353 91 493 958

**e** collegearts@nuigalway.ie

**w** www.nuigalway.ie/arts

History is first and foremost about people, the forces that shaped their lives and the ways in which they changed their societies. Studying history makes us aware that our world today took on its current appearance less by chance than as a result of specific developments and decisions taken in the past. The BA in History is a single honours or denominated degree, which means that students take only History for second year and for the final year of the programme.

In asking questions of the past and in finding the answers, students of History acquire skills that will prove invaluable in numerous career paths. Such skills include 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.

## Programme structure

In first year, students follow the BA (Joint-Honours) programme, combining History with two other subjects. In History students examine social, political and cultural developments in Ireland and Europe from the early Middle Ages up to World War One. As well as learning about what happened in the past, students are introduced to the techniques used by professional historians – the evaluation of contemporary sources, the balancing of different interpretations of the past, and the construction of one's own view of historical developments. Students are assigned their own tutorial group, and meet regularly with the BA (History) programme director to create a strong group ethic right away.

In the second and final years of the programme, students can choose from a wide variety of modules. They have the opportunity to explore the histories of Ireland, Britain, continental Europe, North America, Australasia and Africa from the Middle Ages to the present. Modules cover a range of themes, such as nationalism, colonialism, popular culture, globalisation, religion, slavery and war. In final year students undertake a major piece of original research based on primary sources, known as a dissertation.

## International Links

Between second year and third year, students may elect to study History abroad on the Erasmus programme. There are a range of exchange programmes with universities in Europe, some of which teach through English. Students are encouraged to take advantage of the time abroad to learn a new language or improve an existing language competence.

## Career prospects

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

## COURSE OUTLINE

### Year One

- ▶ Ireland and Europe in the nineteenth century
- ▶ Medieval and Early Modern societies
- ▶ Skills for Historians

Plus two other subjects are selected from the extensive Arts menu

### Year Two

- ▶ Two colloquia (research-oriented small group modules)

- ▶ One lecture module from four different time periods: ancient, medieval, early modern and modern
- ▶ Four additional modules in any time period

### Year Three

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



This degree course offers a unique opportunity for students to focus on many aspects of Irish, European and world history. From medieval modules to those concerning 20th century events, this course has something for everyone with an interest in specific or wide-ranging historical interpretation.

**Aidan Whelan – BA (History)**



# Bachelor of Arts (Mathematics and Education)

The BA in Mathematics and Education is a four-year full-time honours mathematics degree programme which incorporates a highly regarded teacher training qualification. Graduates of the programme are high quality mathematicians, and are recognised by the Teaching Council of Ireland as qualified post primary teachers of Mathematics and Applied Mathematics. The programme is jointly run by the School of Mathematics, Statistics and Applied Mathematics and the School of Education of NUI Galway. Established in 2008, it was the first programme of its kind in Ireland, created in response to the growing need for excellent mathematics teachers in post-primary schools as well as a general need for high quality graduates in mathematics.

## International links

The BA (Mathematics and Education) has links with teacher training institutions throughout Europe and with international centres of excellence in mathematics education research.

## Career prospects

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

## COURSE OUTLINE

### Year One

- ▶ History and Structure of Irish Education
- ▶ Principles of Second-Level Mathematics
- ▶ Introduction to Educational Sciences
- ▶ Practical Teaching Programme 1
- ▶ Algebra and Analysis I and II
- ▶ Skills of Mathematics
- ▶ Introduction to Applied Mathematics I and II
- ▶ Skills of Applied Mathematics

- ▶ Professional Studies: Integrated Project
- ▶ Psychology, Sociology and Catering for Diversity
- ▶ Research Literacies for Professional Development & Lifelong Learning
- ▶ Applied Mathematics: Mathematical Modelling I
- ▶ Group Theory
- ▶ Discrete Mathematics
- ▶ Applied Mathematics: Mechanics II
- ▶ Complex Analysis
- ▶ One Mathematics Elective

### Year Two

- ▶ Philosophical Foundations of Education
- ▶ Mathematics Methodology and Skills of Teaching
- ▶ Practical Teaching Programme 2
- ▶ Applied Mathematics: Mechanics I
- ▶ Analysis I
- ▶ Probability
- ▶ Linear Algebra
- ▶ Geometry
- ▶ Statistics

### Year Four

- ▶ Practical Teaching Programme
- ▶ Final-Year Symposium
- ▶ Final Year Project in Mathematics plus four Mathematics Electives OR Six Mathematics Electives
- ▶ Electives: Metric Spaces; Applied Statistics; Topology; Advanced Statistical Methods for Business; Functional Analysis; Ring Theory; Field Theory; Cryptography; Groups II; History of Mathematics; Numerical Analysis II; Mathematical Modeling II; Non-linear Systems; Metric Spaces.

### Year Three

- ▶ Curriculum and Assessment
- ▶ Practical Teaching Programme 3



I chose to study this course because I enjoyed mathematics so much in secondary school. The course consists of mathematics, applied mathematics and education modules. I didn't study applied mathematics for my Leaving Certificate and this was a big concern of mine when I was looking at this course. I would tell anyone thinking the same not to worry as this was not a problem at all.

**Tara Feely – BA (Mathematics and Education)**

## COURSE FACTS

**CAO Code:** GY109

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 405

### Minimum A-Level Grades:

AAA or equivalent combination, Grade C in Honours-Level Mathematics or Grade A in Ordinary-Level

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes. A HC3 or OA2 in Mathematics is also a requirement.

### A-Level/GCSE Entry

**Requirements:** See page 150 for matriculation entry requirements.

### Additional Requirements:

Students must satisfy the Garda/police vetting requirements.

**Average Intake:** 25



## KEY FACT

This is the only available four-year undergraduate degree programme in Ireland that offers a concurrent degree-level qualification in both Mathematics and Mathematics teaching.

## Find out more:

College of Arts, Social Sciences, and Celtic Studies

+353 91 493 958

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collegearts@nuigalway.ie

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www.nuigalway.ie/arts

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# Graduate Insights



**Joanne Sweeney-Burke**  
**Bachelor of Arts, HDip in**  
**Applied Communications,**  
**MA in Journalism**

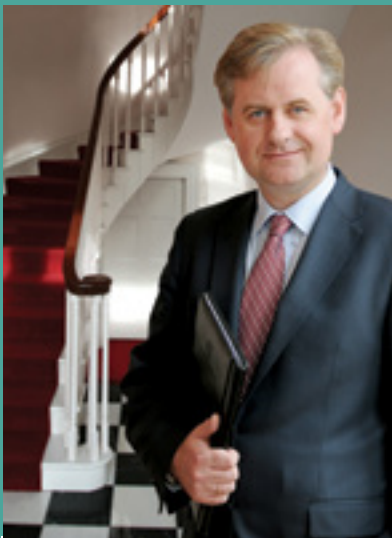
**Former journalist, Chamber of Commerce CEO, PR Lecturer, one-time election candidate, Media Box Managing Director, The Apprentice 2011 finalist – Joanne Sweeney Burke takes on a new challenge every year.**

“I hold a Bachelor of Arts Degree in English and Sociology and Politics from NUI Galway. It set me on a path of great exploration and appreciation for education. Studying Arts at NUI Galway was an invaluable experience and helped me develop skills which are critical in my profession – communication skills, critical thinking, leadership skills etc.

NUI Galway is like a home from home. They nurture your education like a parent, but they drive your ambition like an employer.

I continued my education with NUI Galway by studying PR and Journalism at Postgraduate Diploma and Masters level. I got a job as a broadcast journalist immediately after graduating.

I started my own multimedia agency, Media Box in October 2008, the day the recession hit Ireland. The company has now expanded into Galway and we have expanded our Letterkenny office.”



**Terry Fahy**  
**Bachelor of Arts, HDip in**  
**Education. Terry Fahy is the**  
**Principal of Yeats College,**  
**Galway and Waterford.**

**“I studied English, History and Geography for my Arts degree at NUI Galway and enjoyed the course immensely. After my degree I went into the teaching profession, and four years after graduating opened a senior cycle private college, Yeats College.**

Yeats College employs over sixty academic staff and is now one of Ireland's largest and most successful private colleges, and my time at NUI Galway certainly put me on the right road to that success.

Having an Arts background helped me to enhance my communication, presentation and decision-making skills, which are vital to the teaching profession, but are also essential in the management role I have now.

These days I find myself advising many Leaving Certificate students on their career paths and I have no hesitation in recommending Arts. It is a wonderful platform degree that can take you anywhere, and Arts graduates are well-rounded and capable individuals with a skill set that every employer values.

The future is I believe, all about the ability to make good, well-evaluated decisions and an Arts degree can deliver this for you.”



## Acadamh na hOllscolaíochta Gaeilge

“San Acadamh, spreagtar mic léinn a fhaigheann a gcéim ollscoile trí Ghaeilge le spéis a chur sa chraoltóireacht, san iriseoireacht agus san aistriúchán.”

Dónall Ó Braonáin  
Príomhfheidhmeannach,  
Acadamh na hOllscolaíochta Gaeilge

Photograph is courtesy of Seán Ó Mainnín  
[www.seanomainnin.com](http://www.seanomainnin.com)

# BA (Cumarsáid)

Is cúrsa comhtháite, dinimiciúil, ceithre bliana é an BA sa Chumarsáid. Reachtáiltear é trí mheán na Gaeilge i gcoilár Ghaeltacht Chonamara ar champas na hOllscoile ar an gCeathrú Rua. Cuireann an BA sa Chumarsáid oiliúint ar mhic léinn i réimsí na teilifíse, an raidió agus na hiriseoireachta. Pléitear gnéithe den idirlíon, den Ghaeilge, léann na meán agus dlí na meán freisin. Beidh céimithe an chúrsa seo ardoilte sa chraoltóireacht teilifíse agus raidió, san iriseoireacht ilmheán agus i dteicneolaíochtaí digiteacha. Foghlaimíonn rannpháirtithe an chlár scileanna acadúla: smaointeoireacht chriticiúil agus taighde feidhmeach. Baineann mic léinn amach ardchaighdeán líofachta sa Ghaeilge chomh maith le cruinneas sa teanga scríofa.

## Socrúcháin Oibre

Caitheann mic léinn an tríú bliain den BA sa Chumarsáid i mbun taithí oibre. Is iondúil gurb éard atá i gceist leis an socrúchán oibre ná tréimhse bliana ag obair in eagraíocht atá ag feidhmiú sna meáin chumarsáide, TG4 nó in eagraíocht chaidrimh phoiblí. Tá tréimhsí caite ag mic léinn le TG4, RTÉ Raidió na Gaeltachta agus le gcomhlachtaí teilifíse neamhspleácha. Mar mhalairt air sin, bíonn an rogha ag mic léinn tabhairt faoi thionscadal pobalbhunaithe. Ar an tsli seo gheobhaidh mic léinn léargas ar a bhfuil ag tarlú sna meáin sa lá atá inniu ann. Beidh deis acu freisin aithne a chur ar dhaoine atá ag obair san earnáil agus scileanna praiticiúla a shealbhú, scileanna a rachaidh chun tairbhe do na mic léinn amach anseo agus iad sa tóir ar dheiseanna fostaíochta.

## Naisc Idirnáisiúnta

Féadfaidh mic léinn na deiseanna a bhaineann le socrúchán oibre thar sáile a scrúdú. Tugtar cabhair do mhic léinn atá ag iarraidh an tríú bliain a chaitheamh i mbun taithí oibre i dtíortha thar lear agus cuirtear comhairle orthu ina leith.

## Deiseanna Fostaíochta

Beidh céimithe an chúrsa seo ardoilte sa chraoltóireacht teilifíse agus raidió, san iriseoireacht ilmheán agus i dteicneolaíochtaí digiteacha nua. Beidh sé rishoiléir do chéimithe an chúrsa seo gur buntáiste dóibh líofacht sa Ghaeilge agus iad sa tóir ar fhostaíocht sa mhargadh fíoriomaíoch seo, margadh na teilifíse agus an raidió go háirithe. I measc na n-eagraíochtaí a bhfaigheann céimithe an chúrsa seo fostaíocht leo tá RTÉ, TG4, BBC, stáisiúin raidió áitiúla, comhlachtaí léiriúcháin neamhspleácha agus comhlachtaí caidrimh phoiblí.

## Breisoideachas

Ar chríoch an chúrsa seo beidh mic léinn ullamh le tabhairt faoi iarchéim eile in OÉ, Gaillimh, an MA (Cumarsáid) mar shampla (GYA93 ar [www.pac.ie](http://www.pac.ie)), nó iarchéim in institiúid eile in Éirinn nó thar lear.



“Is an-bhuntáiste é don chúrsa go bhfuil deis ag na mic léinn a gcuid saothair a fheiceáil craolta ar TG4 nuair atá an caighdeán bainte amach. Tá sé seo ag tarlú le dhá bhliain anuas.”

**Micheál Ó Meallaigh,**  
**Stiúrthóir Coimisiúnaithe TG4**



## LEAGAN AMACH AN CHÚRSA

### Bliain a hAon

- Scileanna Craoltóireachta
- Teicneolaíochtaí na Físe
- Gnéithe den Iriseoireacht
- Scileanna Feidhmeacha Ríomhaireachta
- Ceart na Gaeilge I
- Gaeilge Fheidhmeach I
- Scéalaíocht don Scáileán
- Teoiric na Fuaime
- Córais Ríomhaireachta na Meán
- Díl, Eiticí agus an Córas Poiblí
- An Ghaeilge don Scáileán
- Ceart na Gaeilge II

### Bliain a Dó

- Scileanna Léiriúcháin Raidió
- Léiriú na Físe
- An tIdirlíon
- An Fhoghlaim sa Phobal
- Staidéar na Meán
- Ceart na Gaeilge III
- Na Meáin Chraolta
- Iriseoireacht Chraolta
- Inniúlachtaí Gairme
- An Gné-Alt
- Gaeilge Fheidhmeach II
- Ceart na Gaeilge IV

### Bliain a Trí

Bliain ag staidéar thar lear nó socrúchán oibre nó foghlaim phobalbhunaithe

### Bliain a Ceathair

- Ceart na Gaeilge V
- Scileanna Taighde
- Iriseoireacht Fheidhmeach
- Craoltóireacht Bheo
- Forbairt Thionscal na Físe
- An Nuatheicneolaíocht Fheidhmeach
- Ceart na Gaeilge VI
- Geilleagar na Meán
- An Tionscadal Cumarsáide
- Miontráchtas
- Díl na Meán

## SONRAÍ AN CHÚRSA

**Cód CAO:** GY106

**Leibhéal an Chúrsa:** 8

**Fad:** 4 bliana

**Íospointí Iontrála 2014:** 360

**Íosghráid A-Leibhéal:** BBB nó a gcomhionann, Grád C sa Ghaeilge san A-Leibhéal

### Riachtanais Iontrála

**Ardteistiméireachta:** Ní mór go mbeadh Grád C3 (ardleibhéal), ar a laghad, ag iarrthóirí sa Ghaeilge agus in ábhar éigin eile agus Grád D3, ar a laghad, i gceithre ábhar eile san Ardteistiméireacht, Béarla agus teanga eile san áireamh.

**Riachtanais Iontrála A-Leibhéil/ GCSE:** Féach leathanach 150 le haghaidh eolais faoi riachtanais iontrála an mháithreánaigh.

**Líon na Mac Léinn:** 20



D'fheil an cúrsa mé mar bhí suim agam san obair acadúil agus theicniúil. D'fhoghlaim mé réimse leathan scileanna agus fuair mé deis iad a chur i bhfeidhm ar leibhéal praiticiúil agus teoriciúil. Bhain mé an-tairbhe as an mbliain taithí oibre a rinne mé le TG4. Buntáiste mór é blaiseadh a fháil den saol oibre lasmuigh den Ollscoil.

**Séamus Ó Scanláin - BA (Cumarsáid)**

### EOCHAIR-PHOINTE

Sa bhliain 2013, d'éirigh le mic léinn an BA (Cumarsáid) na gradaim Smedia seo a leanas a bhaint amach:  
Léiriúchán Teilifíse is Fearr,  
Iriseoireacht Raidió is Fearr,  
Léiriúchán Teilifíse is Fearr  
i nGaeilge (Faisnéis agus Drámaíocht)

### Tuilleadh eolais:

Acadamh na hOllscolaíochta Gaeilge

+353 91 595 802

cursai@oegaillimh.ie

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# BA (Cumarsáid)

This programme, run over four years through the medium of Irish, gives you an opportunity to study an integrated and dynamic communications course. The course is designed to prepare you for the digital media world while also helping you reach a high standard of fluency and competency in the Irish language. It offers hands-on learning in television, radio production, journalism and multimedia. This practical knowledge is underpinned by a solid theoretical foundation in areas such as media studies, ethics and media law that will help you understand and interpret developments in the information and communications age. The course is based in NUI Galway's campus in An Cheathrú Rua, in the Connemara Gaeltacht.

## Work Placement

Third year offers students a unique opportunity to undertake an internship in a media or public relations organisation, or to undertake a community-based learning project. TG4, RTÉ, Raidió na Gaeltachta and the independent television sector are amongst the companies that offer work placements to students. These options will give students an insight into the contemporary media industry. They will also allow them the opportunity to make invaluable contacts and gain practical, on-the-ground skills that will greatly aid their future search for employment.

## International Links

Students can explore the option of undertaking a work placement in another country. Advice and assistance is offered to students who wish to examine this opportunity.

## Career Prospects

Graduates will be highly skilled in television, radio broadcasting, multimedia journalism and new digital technologies. Successful graduates have found that their ability to speak fluent Irish has given them a considerable advantage in the highly competitive media market, particularly in television and radio. There are many potential employers at home and abroad, including RTÉ, TG4, BBC, local radio stations, independent production companies, media companies and public relations firms.

## Further Study

On completing the programme, students will have various opportunities to do postgraduate degrees at NUI Galway, including an MA (Cumarsáid) (GYA93 on [www.pac.ie](http://www.pac.ie)), or in other third-level institutions in Ireland or abroad.



“A major advantage of this course is that students have an opportunity to see their work broadcasted on TG4 once the standard has been achieved. This has happened for a number of years.”

**Micheál Ó Meallaigh,**  
**Commissioning Director, TG4.**



## COURSE OUTLINE

### Year One

- Scileanna Craoltóireachta (Broadcast Skills)
- Teicneolaíochtaí na Físe (Digital Filmmaking)
- Gnéithe den Iriseoireacht (Aspects of Journalism)
- Scileanna Feidhmeacha Ríomhaireachta (Applied Computing Skills)
- Ceart na Gaeilge I (Accuracy in Irish 1)
- Gaeilge Fheidhmeach I (Applied Irish I)
- Scéalaíocht don Scáileán (Screenwriting)
- Teoiric na Fuaime (Sound Production)
- Córais Ríomhaireachta na Meán (Media Software)
- Dlí, Éiticí agus an Córas Poiblí (Law, Ethics and Public Administration)
- An Ghaeilge don Scáileán (Television Presenting)
- Ceart na Gaeilge II (Accuracy in Irish II)

### Year Two

- Scileanna Léiriúcháin Raidió (Radio Production)
- Léiriú na Físe (Film Production)
- An tIdirlíon (Internet)
- An Foghlaim sa Phobal (Community-based Learning)
- Staidéar na Meán (Media Studies)
- Ceart na Gaeilge III (Accuracy in Irish III)

- Na Meáin Chraolta (Broadcast Media)
- Iriseoireacht Chraolta (Broadcast Journalism)
- Inniúlachtaí Gairme (Career Planning)
- An Gné-Alt (Feature Writing)
- Gaeilge Fheidhmeach II (Applied Irish II)
- Ceart na Gaeilge IV (Accuracy in Irish IV)

### Year Three

Bliain ag Staidéar Thar Lear (Year Studying Abroad) or Socrúchán Oibre (Internship) or Foghlaim Phobalbhunaithe (Community-based Learning)

### Year Four

- Ceart na Gaeilge V (Accuracy in Irish V)
- Scileanna Taighde (Research Skills)
- Iriseoireacht Fheidhmeach (Applied Journalism)
- Craoltóireacht Bheo (Live Radio Broadcasting)
- Forbairt Thionscal na Físe (Developments in the Audio Visual Industry)
- An Nuatheicneolaíocht Fheidhmeach (Applied Communication)
- Ceart na Gaeilge VI (Accuracy in Irish VI)
- Geilleagar na Meán (Business in Media)
- An Tionscadal Cumarsáide (Final Year Project)
- Miontráchtas (Minor Dissertation)
- Dlí na Meán (Media Law)

## COURSE FACTS

**CAO Code:** GY106

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 360

**Minimum A-Level Grades:** BBB or equivalent combination, Grade C in A Level Irish

### Leaving Certificate Entry

**Requirements:** Applicants must have a minimum of Grade C3 (higher level) in Irish and another subject and a minimum of Grade D3 in another four subjects in the Leaving Certificate, including English and another language.

### A-Level/GCSE Entry

**Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 20



This course suited me because of my interest in its academic and technical aspects. I acquired a broad range of skills which I put to practice on a practical and theoretical level. My work placement in TG4 was extremely beneficial as I got an opportunity to work in the industry for a whole year.

**Séamus Ó Scanláin - BA (Cumarsáid)**

### KEY FACT

In 2013 BA (Cumarsáid) students won three Smedia Awards: Best TV Production, Best Radio Journalism, Best Irish Language TV Production (Drama & Documentary)

### Tuilleadh eolais:

Acadamh na hOllscolaíochta Gaeilge

+353 91 595 802

cursai@oegaillimh.ie

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# BA (Gaeilge agus Léann an Aistriúcháin)

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. Déanann na mic léinn staidéar ar ghnéithe tábhachtacha den saibheas litríochta, béaloidis agus amhránaíochta a bhaineann leis an nGaeilge, ón meánaois go dtí ár linn féin, agus ar úsáid na Gaeilge mar theanga nua-aimseartha aistriúcháin. Ar chríochnú an chúrsa duit, beidh eolas fairsing faighte agat ar an nGaeilge agus ar a hoidhreacht mar theanga labhartha agus scríofa, agus beidh tú in ann aghaidh a thabhairt ar dheiseanna fostaíochta a bhaineann leis an teanga i saol an lae inniu.

## Socrúcháin Oibre

I mBliain 3 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.

Tarlaíonn sé uaireanta go n-éiríonn chomh maith sin le mic léinn ar an socrúchán oibre seo go n-iarrann an eagraíocht orthu fanacht seal eile ag obair leo nó go n-iarrann siad orthu teacht ar ais chucu i ndiaidh na céime. Deis iontach í an bhliain taithí oibre chun cleachtadh a fháil ar shaol na hoibre agus chun aithne a chur ar dhaoine sa réimse oibre a mbeidh tú ag obair ann amach anseo.

## Naisc Idirnáisiúnta

Is féidir bliain staidéir in ollscoil thar lear a shocrú don mhac léinn i mBliain 3 nó in ionad taithí oibre in Éirinn más é sin is feiliúnaí don mhac léinn.

## Deiseanna Fostaíochta

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. 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 dualgas orthu an Ghaeilge a úsáid.

## 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.





## LEAGAN AMACH AN CHÚRSA

### Bliain a hAon

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

### Bliain a Dó

- Aistriúchán Feidhmeach Téacsanna I
- An tAistriúchán Riomhchuidithe
- 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 Saibhirí Teanga
- Teanga na Nua-Ghaeilge II
- Teanga agus Pobal I

### Bliain a Trí

- Socrúchán Oibre nó Bliain ag Staidéar Thar Lear

### Bliain a Ceathair

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

## SONRAÍ AN CHÚRSA

**Cód CAO:** GY107

**Leibhéal an Chúrsa:** 8

**Fad:** 4 bliana

**Íospointí Iontrála 2014:** 315

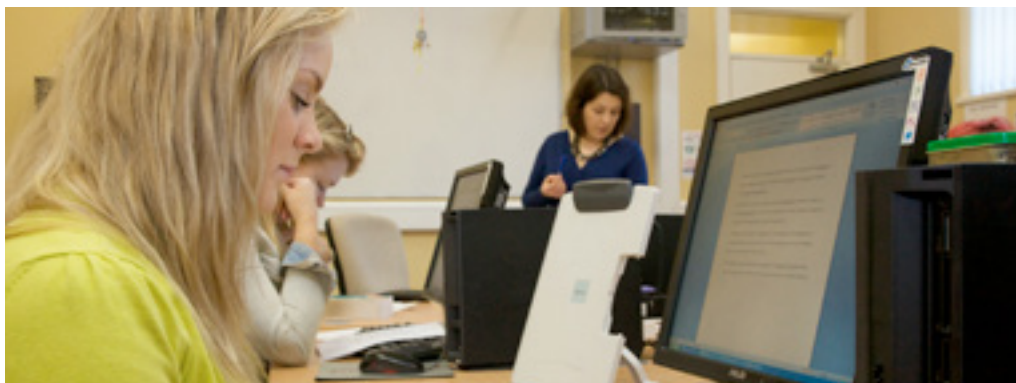
**Íosghráid A-Leibhéal:** BCC nó a gcomhionann, Grád B sa Ghaeilge san A-Leibhéal

### Riachtanais Iontrála

**Ardteistiméireachta:** Ní mór go mbeadh Grád B3 (ardleibhéal), ar a laghad, ag iarrthóirí sa Ghaeilge agus Grád C3 (ardleibhéal) in ábhar éigin eile mar aon le grád D3, ar a laghad, i gceithre ábhar eile san Ardteistiméireacht, Béarla agus teanga eile san áireamh.

**Riachtanais Iontrála A-Leibhéil/ GCSE:** Féach leathanach 150 le haghaidh eolas faoi riachtanais iontrála an mháithreánaigh.

**Líon na Mac Léinn:** 15



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. Táim cinnte go seasfaidh an taithí sin dom amach anseo agus mé ag lorg deiseanna fostaíochta.

**Cáit Ní Bhriain – BA (Gaeilge agus Léann an Aistriúcháin)**

## EOCHAIR-PHOINTE

Níl cúrsa iomlán bunchéime i Léann an Aistriúcháin le fáil in aon ollscoil eile in Éirinn ach amháin in Ollscoil na hÉireann, Gaillimh.

### Tuilleadh eolais:

Acadamh na hOllscolaíochta Gaeilge

+353 91 493 959

aistriu@oegailimh.ie

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# BA (Gaeilge agus Léann an Aistriúcháin)

This programme gives 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. Students study key aspects of Irish language literature, folklore and history, covering the period from the Middle Ages to the present day, as well as the Irish language as a modern language of translation. On completion, you will have acquired a broad knowledge of the Irish language and of its heritage and practical use as a spoken and written language, and you'll be in a position to seek challenging and rewarding employment opportunities.

## Work Placement

In third year students are sent on work placement. They spend 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 held in the Galway region, though they can also be arranged for other parts of the country if this is more suitable for the student.

It sometimes happens that students do so well in their work placement that the employer asks them to stay on for longer than the initial period, or that they arrange for them to return after completing their degree. All in all, the work placement year is a fantastic opportunity for students to gain experience of the world of work and to make valuable contacts in the employment area they aim to work in in the future.

## International links

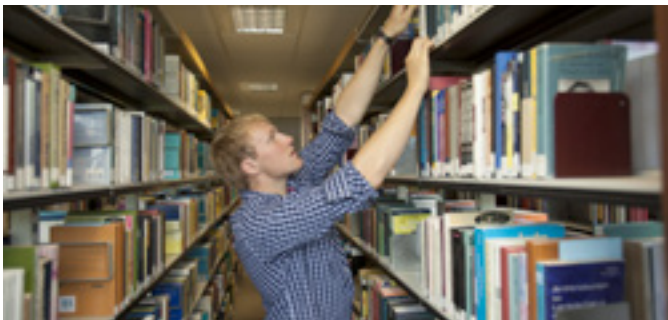
As an alternative to the work placement, a study year at an overseas university can be arranged for Year 3 if this is deemed to be more beneficial to the student.

## Career prospects

Due to the status Irish enjoys as 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 sound language/translation skills is more important than ever. With this degree in Translation Studies and Irish, 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.

## Further study

After the BA, many of our students undertake the MA sa Léann Teanga (MA in Language Studies). On that master's programme students receive advanced tuition in translation, aimed at preparing them to take up employment opportunities in the translation market. Courses at Masters level are also available in Irish and in Conference Interpreting.





## COURSE OUTLINE

### Year One

- ▶ Gnéithe den Aistriúchán (Aspects of Translation)
- ▶ Ceartúsáid na Gaeilge (Proper Irish Usage)
- ▶ Litríocht Chomhaimseartha na Gaeilge (Contemporary Irish Language Literature)
- ▶ Bunscoilleana Gramadaí (Fundamental Grammar Skills)
- ▶ Bunscoilleana Aistriúcháin (Fundamental Translation Skills)
- ▶ Saíocht agus Sochaí na Gaeilge (Irish Language Sapience and Society)

### Year Two

- ▶ Aistriúchán Feidhmeach Téacsanna I (Applied Translation I)
- ▶ An tAistriúchán Ríomhchuidithe (Computer-Assisted Translation)
- ▶ Gramadach agus Litriú na Gaeilge I (Irish Language Grammar and Spelling I)
- ▶ Teanga na Nua-Ghaeilge I (Modern Irish Language I)
- ▶ An Nualitricht I (Modern Literature I)
- ▶ Litricht na Gaeilge 1200–1900 I (Irish Language Literature 1200–1900 I)
- ▶ Aistriúchán Feidhmeach Téacsanna II (Applied Translation II)
- ▶ Stair an Aistriúcháin in Éirinn (The History of Translation in Ireland)
- ▶ Cruinneas agus Saibhiú Teanga (Linguistic Precision and Enrichment)

- ▶ Teanga na Nua-Ghaeilge II (Modern Irish Language II)
- ▶ An Nualitricht II (Modern Literature II)
- ▶ Teanga agus Pobal I (Language and the Community I)

### Year Three

- ▶ Socrúchán Oibre (Internship) or Bliain ag Staidéar Thar Lear (Study Year Abroad)

### Year Four

- ▶ Aistriúchán Feidhmeach Téacsanna III (Applied Translation III)
- ▶ Gramadach agus Litriú na Gaeilge II (Irish Language Grammar and Spelling II)
- ▶ Fotheidealú (Subtitling)
- ▶ Teanga na Nua-Ghaeilge III (Modern Irish Language III)
- ▶ Litricht na Gaeilge I (Irish Language Literature I)
- ▶ Litricht na Gaeilge 1200–1900 II (Irish Literature 1200–1900 II)
- ▶ Téarmaolaíocht (Terminology)
- ▶ Eagarthóireacht agus Léamh Profaí (Editing and Proofreading)
- ▶ Tionscadal (Project)
- ▶ Teanga na Nua-Ghaeilge IV Modern Irish Language IV)
- ▶ Litricht na Gaeilge II (Irish Language Literature II)
- ▶ Teanga agus Pobal II (Language and the Community II)

## COURSE FACTS

**CAO Code:** GY107

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 315

**Minimum A-Level Grades:** BCC or equivalent combination, Grade B in A-Level Irish

### Leaving Certificate Entry

**Requirements:** Applicants must have a minimum of Grade B3 (higher level) in Irish and Grade C3 (higher level) in another subject and a minimum of Grade D3 in another four subjects in the Leaving Certificate, including English and another language.

### A-Level/GCSE Entry

**Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 15



You're totally immersed in the Irish language on this programme and it's very motivating. My language skills have improved enormously due to the year I've just completed on work placement with a translation company. I'm sure this experience will stand to me in the future when I look for job opportunities.

**Cáit Ní Bhriain – BA (Gaeilge agus Léann an Aistriúcháin)**

### KEY FACT

NUI Galway is the only Irish university, offering a full primary degree course in Translation Studies.

### Tuilleadh eolais:

Acadamh na hOllscolaíochta Gaeilge

+353 91 493 959

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www.acadamh.ie

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# 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 Diplóma sa Ghaeilge (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 Diplóma sa Ghaeilge, 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 chéime/iarchéime atá á dhéanamh acu.

Le tuilleadh eolais a fháil faoi na Diplómaí seo, téigh i dteagmháil le hOifig an Diplóma in Áras na Gaeilge

T +353 91 495 248  
caitriona.leather@oegaillimh.ie

#### Cúrsaí Gaeilge do Mhic Léinn Idirnáisiúnta

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

T +353 91 493 616  
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 Caitríona Leather in Áras na Gaeilge.

T +353 91 59 5101  
mary.uifhlatharta@oegaillimh.ie

Tugtar lascaine mhór do mhic léinn chláraithe de chuid OÉ Gaillimh i leith tháillí 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 Diplóma sa Ghaeilge (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 Diplóma sa Ghaeilge, 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 Diplomas, contact Oifig an Diplóma in Áras na Gaeilge.

T+353 91 495 248  
caitriona.leather@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  
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 Caitríona Leather in Áras na Gaeilge.

T +353 91 59 5101  
mary.uifhlatharta@oegaillimh.ie

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



# Graduate Insights



**Fiona Ní Fhlaithearta,**  
**BA sa Chumarsáid**

Bhí a fhios agam riamh gur mhaith liom céim a dhéanamh trí Ghaeilge agus bhí barúil agam freisin gur mhaith liom rud éigin a dhéanamh leis na meáin nó leis an gcumarsáid. Bhí mé ar mhuin na muice nuair a chuala mé trácht ar an BA sa Chumarsáid. Bhí an cúrsa acadúil ach freisin thar a bheith praiticiúil. Rinne muid staidéar ar an nGaeilge, scileanna teilifíse, scileanna craoltóireachta, iriseoireacht, dlí na meán agus neart eile. Thaithin sé liom freisin nach raibh níos mó na fiche mac léinn in aon rang, rud a chiallaigh go raibh fáil níos minice ar an háiseanna agus acmhainní ar nós an trealamh teilifíse agus an stiúideo raidió. Chuir mise an-suim sa gcrualtóireacht agus is cinnte gur fhoghlaím mé neart scileanna praiticiúla atá an-chabhrach d'aon chinéal craoltóireachta, bódh sé ar an raidió nó ar an teilifís. Cuid thábhachtacht den chéim ná go dtugtar

seans duit bliain thaithí oibre a chaitheamh le comhlacht nó eagraíocht Ghaeilge. Agus tú ag lorg post tá sé iontach a bheith in ann a thaispeáint ar do CV go bhfuil roinnt taithí agat cheana féin. Bhí na teagascóirí uilig thar barr ar fad agus thug siad fíor thacaíocht dúinn i gcónaí. Tá saineolas/cúlra ag na teagascóirí ar fad sna meáin, sa gcumarsáid nó sa nGaeilge agus bíonn meas agus muinín agat astu dá bharr. Airíonn tú go bhfuil tú i gclann nuair a bhíonn tú ag staidéar san Acadamh toisc go mbíonn na mic léinn, na teagascóirí agus an fhoireann ar fad an-chairdiúil.

Tá mé ag obair anois mar Láithreoir Aimsire agus Leanúnachais le TG4 agus ar ndóigh chuidigh an chéim seo go mór liom an post sin a bhaint amach. Níl sárú na céime seo ar fáil.

I always knew that I wanted to do a degree through Irish and I also felt strongly that I wanted to do something in media or communications. I was on cloud nine when I heard about the BA sa Chumarsáid. It was an academic course but it was very practical at the same time. We studied Irish, television and broadcasting skills, journalism, media law and a lot more. I also liked that class sizes on the course didn't exceed twenty students and this ensured that I could spend a lot more time using the campus equipment and facilities such as the television equipment and the radio studio.

I was particularly interested in broadcasting and I definitely acquired the practical skills that are so beneficial in any form of broadcasting, both on radio and television. An important part of this degree programme is that year three is spent working with an organisation or company that works through the medium of Irish. As a new graduate this experience is invaluable when seeking employment, it is a real bonus to be able to show that you already have some relevant work experience on your CV. The teaching staff all have a background and experience in their fields of media, communications or Irish and that gave

me great confidence in their expertise. Studying with an Acadamh gives you the feeling of being part of a family, with the students, teaching staff and the administration team all working together in a friendly environment.

I now work as a Weather and Continuity Presenter with TG4 and the degree was undoubtedly a huge factor in my securing the job. I cannot recommend the degree highly enough.

**Fiona Ní Fhlaithearta,**  
**BA sa Chumarsáid**

A photograph of two men sitting at a round wooden table. The man on the left, with a beard and wearing a grey hoodie, is gesturing with his right hand while speaking. The man on the right, with brown hair and wearing a blue denim shirt, is listening intently. A silver laptop is open on the table in front of them. In the background, there is a white wall and a framed abstract painting.

## College of Business, Public Policy and Law

"Graduates in the areas of Business, Public Policy and Law are of vital importance to the creation and advancement of the smart economy."

**Dr Kieran Conboy**  
Dean of the College of Business,  
Public Policy and Law





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

“Studying Business and/or Economics at NUI Galway opens up countless careers to a student. Many of our graduates have top positions in companies all over the world, run their own companies or have leadership positions in a wide variety of organisations. Our courses foster learning and leadership and the development of the professional skills our graduates will require throughout their lifetime.”

**Dr. Emer Mulligan**  
**Head of School**

# Bachelor of Commerce

**100 YRS**
**1915-2015 – 100 YEARS OF THE B COMM AT NUI GALWAY**

The B Comm degree is a three-year programme which gives students a foundation in business subjects and allows them to specialise in their chosen business field in final year. The areas of specialisation are Accounting, Economics, Management of Human Resources, Marketing, and Business Information Systems.

**Accounting:** Students will study accounting and accounting-related subjects, positioning them for a career in accountancy and related areas. Depending on the subjects chosen, exemptions are available to successful students in the professional accountancy bodies' exams. In addition, students may apply for entry, on a competitive basis, to the Master of Accounting (MAcc) programme at NUI Galway or equivalent accounting programmes in other universities.

**Economics:** Students can apply their economic theory to courses as diverse as the economics of globalisation, the transition from centrally-planned to market economies, the economics of money and finance, and health and environmental economics. Economics specialist students are well placed to undertake either postgraduate research at home or abroad, or to embark on a variety of careers in business and economic policy analysis.

**Management of Human Resources:** This specialisation focuses on the management of the human factor in organisations, exploring the nature of the employment relationship and the rights and obligations of the parties involved. It also focuses on the theoretical bases for the best utilisation of human resources (HR). It is targeted at students with a particular interest in the human aspect of organisations and/or those intending to develop a career in the HR management area.

**Marketing:** This specialisation provides an excellent foundation in a range of key and popular marketing topics, such as media and marketing communications, brand management, marketing research, the marketing of services and global marketing. The discipline's research programme enhances each subjects' content, ensuring it is taught to world-class standards.

**Business Information Systems:** This specialisation focuses on the implementation, use and management of information systems (IS) within business. It contains practice-based subjects that teach students how to create IS using database technology, web design technology and computer programming languages. It also provides subjects that enable students to investigate how to manage IS within business. Students will be well positioned to secure jobs as management consultants specialising in IS or to work within the IS department of a business.

Is Commerce for me? In attempting to answer this question, you should ask yourself whether you enjoyed business-related subjects and/or enterprise projects at second level? Are you curious about how firms and markets operate? Do you feel you have a flair for business and decision-making in organisations? Are you interested in accounting and organisational control? If your answer to some of these questions is 'yes', then Commerce may be for you. The B Comm degree is a comprehensive degree programme. You will take modules from each of the business disciplines in your first two years of study. At the end of the second year, you choose an area to specialise in, matching your preferred area of specialisation with your interests, skills and abilities.

B Comm (GY201) students will start to develop their oral, presentation, Excel, written and communication skills from the first week of entry to the B Comm programme. This focus on personal development, whilst advancing their academic development, is critical for success in their working life thereafter. Students will continue to develop skills in second and final year in the courses, Skills for Work Life and Innovation, Creativity and Enterprise respectively.

## Work placement / International links

Students on the three-year Commerce programme (GY201) will 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 B Comm degree to a four-year B Comm (International Experience) degree. Successful applicants will spend at least one semester of their third year at an international university studying business through English, either in the USA, Hong Kong, The Netherlands, Sweden, France, Germany or the UK. Students will also have an opportunity to work as an intern on work placement for at least one semester. Students will then return to NUI Galway for their fourth year to complete the B Comm (International Experience) degree.

Placement partners include:

- DHKN
- Accenture
- Medtronic
- Alkermes
- UCHG
- Corrib Oil
- Abbott
- Shelbourne Hotel, Dublin
- Headhunt International
- Zurich

## Career prospects

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

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

## Further study

[www.nuigalway.ie/business-public-policy-law/cairnes/courses/](http://www.nuigalway.ie/business-public-policy-law/cairnes/courses/)



## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Statistical Methods for Business
- ▶ Action Marketing
- ▶ Organisational Behaviour
- ▶ Managerial Economics
- ▶ Management Accounting I
- ▶ Skills for Work Life
- ▶ Business Finance I
- ▶ Employment Relations
- ▶ Macroeconomics
- ▶ Information and Operations
- ▶ Management
- ▶ Plus two optional subjects from the following:
  - International Financial Reporting I – Introduction to Financial
  - Economics or Economics of Public Policy
  - Consumer Behaviour
  - Information Systems Management
  - Advanced Statistical Methods for Business
  - Management of Organisational Change
  - Quality Management
  - Business Law II
  - Chinese Language & Culture I

### Optional International Experience Year

- ▶ One semester studying abroad in the USA, Australia, Hong Kong or Europe and one semester on work placement
- ▶ Full year study abroad

### Final Year

- ▶ Ireland in the Global Economy
- ▶ Strategic Management
- ▶ Innovation, Creativity and Enterprise
- ▶ Specialise in a business discipline:
  - Accounting
  - Economics
  - Management of Human Resources
  - Business Information Systems
  - Marketing

In addition to the above listed disciplines, students may take optional courses in Law and Operations/Logistics. Examples of optional modules include:

- ▶ Chinese Language & Culture II
- ▶ Web and Interactive Media Design
- ▶ International Business

## COURSE FACTS

**CAO Code:** GY201

**Course Level:** 8

**Duration:** 3 years

**Minimum Entry Points 2014:** 380

**Minimum A-Level Grades:**  
AAB or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 285

### KEY FACT

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



When choosing my undergraduate programme, I wanted to gain a broad business knowledge and that is exactly what the B Comm has delivered. I took part in the B Comm (International Experience) programme. The year provided me with an amazing opportunity to gain valuable work experience and the chance to study in America.

**Maurice Kelter – B Comm**

### Find out more:

The J.E. Cairnes School of Business & Economics

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# Bachelor of Commerce (International)

## COURSE FACTS

### CAO Code:

French – GY202

German – GY203

Spanish – GY204

**Course Level:** 8

**Duration:** 4 years

### Minimum Entry Points 2014:

GY202 – 480

GY203 – 460

GY204 – 470

### Minimum A-Level Grades:

GY202 – A\*A\*A & c(AS) or equivalent combination, Grade B in A-Level French

GY203 – AAA & a(AS) or equivalent combination, Grade C in A-Level German

GY204 – AAA & a(AS) or equivalent combination, Grade C in A-Level in a continental language

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes. In addition:

GY202 – HB3 in French is required

GY203 – HC3 in German is required

GY204 – HC1 in a modern European language other than Irish or English.

### A-Level/GCSE Entry

**Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 15 per programme

This is a four-year degree programme in Commerce with a modern language (currently French, German or Spanish), allowing students to develop their language skills and live abroad while gaining valuable insights into international business and culture. It is the ideal qualification for students who want to build a career in another country or in an international firm, or who simply wish to expand their career choices.

## International links

In third year students study courses in language and business at a university in France, Germany/Austria or Spain/Chile.

## Career prospects

Graduates of this programme have found employment in EU institutions, accounting, management consultancy, marketing, human resource management, finance (including banking & insurance), and economic policy advisory services.

## Further study

[www.nuigalway.ie/cairnes/courses/](http://www.nuigalway.ie/cairnes/courses/)

## COURSE OUTLINE

### Year One

- ▶ Principles of Microeconomics/Macroeconomics
- ▶ Introduction to Management Accounting/Financial Accounting
- ▶ Business Information Systems and Management
- ▶ Mathematics and Statistics for Business
- ▶ Introduction to Marketing
- ▶ Introduction to Management
- ▶ French/German/Spanish

### Year Two

- ▶ French/German/Spanish
- ▶ Statistical Methods for Business
- ▶ Action Marketing
- ▶ Managerial Economics
- ▶ Management Accounting I
- ▶ Organisational Behaviour
- ▶ Business Finance I or Employment Relations
- ▶ Macroeconomics or Business Law I
- ▶ Plus one optional subject from the following:
  - Accounting
  - Economics
  - Management
  - Marketing
  - Mathematics
  - Business Information Systems
  - Chinese Language & Culture I

### Year Three

- ▶ Students follow courses in languages and business studies at a university in France, Germany/Austria, or Spain/Chile.

### Year Four

- ▶ Ireland in the Global Economy
- ▶ Strategic Management
- ▶ Innovation, Creativity and Enterprise
- ▶ French/German/Spanish
- ▶ Plus the opportunity to choose courses from the following areas:
  - Accounting
  - Economics
  - Marketing
  - Law
  - Management of Human Resources
  - Business Information Systems
  - Operations/Logistics

## KEY FACT

In third year, students spend a year abroad studying courses in languages and business.

## Find out more:

The J.E. Cairnes School of Business & Economics

**t** +353 91 492 612

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

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



I decided to study the B Comm (International) with Spanish because I understood the need for a dynamic approach to the modern world of international business. Choosing to study a foreign language while also developing my business skills has ensured I will be able to develop a competitive edge in a diverse environment.

**Ross Gallagher – B Comm (International)**



# Bachelor of Commerce (Gaeilge)

This is a four-year degree programme in Commerce including the study of the Irish Language, allowing students to develop their language skills while gaining valuable insights into business and culture. It is the ideal qualification for students who want to build a career in business or who simply wish to expand their career choices.

The study will focus on the contemporary language in both the written and spoken forms and aural comprehension, with special emphasis being placed on communication skills appropriate to business studies.

## Work placement

In third year you will partake in a semester-long internship in an Irish-speaking environment.

## Career prospects

It is likely that graduates of this programme will find employment in Gaeltacht institutions, accounting, management consultancy, marketing, human resource management, finance (including banking & insurance), and economic policy advisory services.

## Further study

[www.nuigalway.ie/cairnes/courses/](http://www.nuigalway.ie/cairnes/courses/)

## COURSE OUTLINE

### Year One

- ▶ Principles of Microeconomics/Macroeconomics
- ▶ Introduction to Management Accounting/Financial Accounting
- ▶ Business Information Systems and Management
- ▶ Mathematics and Statistics for Business
- ▶ Introduction to Marketing
- ▶ Introduction to Management
- ▶ Gaeilge

### Year Two

- ▶ Gaeilge
- ▶ Statistical Methods for Business
- ▶ Action Marketing
- ▶ Managerial Economics
- ▶ Management Accounting I
- ▶ Organisational Behaviour
- ▶ Business Finance I or Employment Relations
- ▶ Macroeconomics or Business Law I
- ▶ Plus one optional subject from the following:
  - Accounting
  - Economics
  - Management
  - Marketing
  - Mathematics
  - Business Information Systems

### Year Three

- ▶ Year 3 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
- ▶ Strategic Management
- ▶ Innovation, Creativity and Enterprise
- ▶ Gaeilge
- ▶ Plus the opportunity to choose courses from the following areas:
  - Accounting
  - Economics
  - Marketing
  - Law
  - Management of Human Resources
  - Business Information Systems
  - Operations/Logistics

## COURSE FACTS

**CAO Code:** GY208

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 420

**Minimum A-Level Grades:**  
ABC & a(AS)

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes. A HC3 in Gaeilge is also a requirement.

### A-Level/GCSE Entry

**Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 15 per programme



## KEY FACT

In third year, students undertake a semester-long internship in an Irish-speaking environment.

## Find out more:

The J.E. Cairnes School of Business & Economics

+353 91 492 612

[business@nuigalway.ie](mailto:business@nuigalway.ie)

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

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I welcome this new, exciting and innovative programme. Throughout my business career Gaeilge has always opened doors for me and I can see many added career opportunities for those who study a combination of Commerce agus Gaeilge.

**Pádraig O'Céidigh**

# Bachelor of Science (Business Information Systems)

## COURSE FACTS

**CAO Code:** GY206

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 420

**Minimum A-Level Grades:**

ABC & a(AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 35



### KEY FACT

\*EPAS accreditation is by the European Foundation for Management Development and means that the degree meets the highest international standards for management education.

### Find out more:

The J.E. Cairnes School of Business & Economics

**t** +353 91 492 612

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

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

This four-year degree programme examines the use and management of technology in business environments. The programme is fully accredited by EPAS\*. It mixes business subjects such as accounting, economics and marketing with technology-focused subjects like databases, systems analysis and networks. It provides knowledge and skills in traditional business organisation and management together with skills and abilities in the enabling and underlying technologies on which organisations are becoming more reliant.

### Work placement/International links

In third year students are given the opportunity to apply their skills in a real business environment

for six to nine months. The BIS degree also offers the opportunity of an International Study Abroad programme in the US in second year.

### Career prospects

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

### Further study

[www.nuigalway.ie/cairnes/courses](http://www.nuigalway.ie/cairnes/courses)

## COURSE OUTLINE

### Year One

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

- ▶ Professional Experience Programme
- ▶ Contemporary Project Management
- Plus one of the following:
  - ▶ Marketing Principles
  - ▶ Skills for Worklife

### Year Four

- ▶ Business Intelligence & Analytics
- ▶ Contemporary Issues in Information Systems
- ▶ Information Systems Strategy and Planning
- ▶ International Business
- ▶ Strategic Management
- ▶ Cloud Computing

### Year Two

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

Plus one of the following:

- ▶ Managerial Economics
- ▶ New Enterprise Development
- ▶ Media & Marketing Communications
- ▶ eMarketing
- ▶ Operations Research
- ▶ User Experience Design
- ▶ Contemporary Project Management
- ▶ Lean Principles for the IS Professional
- ▶ Doing Business in China – Language & Culture I
- ▶ Macroeconomics
- ▶ Introduction to Financial Economics
- ▶ Economics of Public Policy
- ▶ Management of Organisational Change
- ▶ Cross Cultural Management
- ▶ Global Marketing Logistics and Transportation
- ▶ Operations Strategy
- ▶ Innovation, Creativity & Enterprise
- ▶ Doing Business in China – Language & Culture II

### Year Three

- ▶ Applied Systems Analysis
- ▶ E-Business Technologies
- ▶ Advanced Database Technologies
- ▶ Networks and Communications



We study subjects such as marketing, accounting, information systems and organisational management and change. I have gained an insight into many business and IT subjects. I was employed by SAP Galway for my internship in third year.

**Ailish Kelly – Business Information Systems**



# Bachelor of Commerce (Accounting)

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The B Comm (Accounting) degree at NUI Galway combines a broad-based business education with the advantage of a specialist programme for those interested in a career in accounting or a related discipline. Students on the programme particularly like the small class size, which enables them, build a close network of friendship and support. This programme offers more exemptions from professional accounting examinations than any other programme in any other University. Please see our website for full details.

## Work placement

Students 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 B Comm (Accounting) degree to the four year B Comm (Accounting with International Experience) degree. Successful applicants will spend one semester of

third year at a university studying business through English – either in Europe, North America or further afield, and a second semester in a work placement. The students will then return to NUI Galway for fourth year to complete their degree. Students can also complete an accounting internship in the summer following their second year. Students completing relevant work experience can use the internship as a module for academic credit in their final year.

## Career prospects

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

## Further study

[www.nuigalway.ie/cairnes/courses](http://www.nuigalway.ie/cairnes/courses)

## COURSE OUTLINE

### Year One

- ▶ Principles of Microeconomics/Macroeconomics
- ▶ Introduction to Management Accounting/Financial Accounting
- ▶ Business Information Systems and Management
- ▶ Mathematics and Statistics for Business
- ▶ Business Law I
- ▶ Skills for Success
- ▶ Introduction to Management
- ▶ Introduction to Marketing

- Economics of Public Policy
- Business Law II
- Advanced Statistical Methods for Business
- Chinese Language & Culture I

### Optional International Experience Year

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

### Final Year

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

### Year Two

- ▶ Statistical Methods for Business
  - ▶ Managerial Economics
  - ▶ Auditing, Assurance and Governance
  - ▶ Management Accounting I
  - ▶ Skills for Work Life
  - ▶ International Financial Reporting II and III
  - ▶ Macroeconomics
  - ▶ Business Finance I
  - ▶ Information and Operations Management
- Plus two optional subjects from the following:
- Information Systems Management
  - Employment Relations
  - Introduction to Financial Economics
  - Consumer Behaviour



This course allows you to focus on accounting modules and offers numerous opportunities to help you with your career upon graduation. I am currently undertaking a summer internship at an accountancy firm in Galway, which is a great opportunity to gain work experience.

**Kelley Hession - B Comm (Accounting)**

## COURSE FACTS

**CAO Code:** GY207

**Course Level:** 8

**Duration:** 3 years  
(4 years with 'International Experience Year' option)

**Minimum Entry Points 2014:** 450

**Minimum A-Level Grades:** AAB & b(AS) or equivalent combination, Grade C in A-Level Accounting

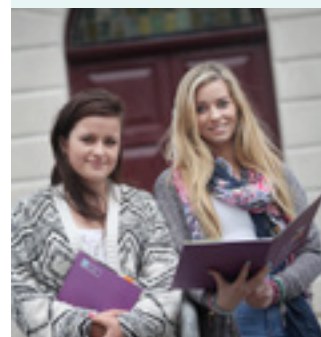
### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any two other subjects recognised for entry purposes. A HC1 in Accounting is also a requirement.

### A-Level/GCSE Entry

**Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 30



## KEY FACT

The majority of graduates have secured graduate employment prior to completing their degree.

## Find out more:

The J.E. Cairnes School of Business & Economics

+353 91 492 308

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

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# Innovation, Creativity and Enterprise – A partnership with business to drive innovation with students

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

Developed in conjunction with entrepreneur Pádraig O C  idigh, the course involves partnering with local business leaders to provide opportunities for all students to engage in group-based projects, requiring them to innovate in a variety of interesting areas in a business or community setting.

The overall objective of the course is to encourage self confidence in students of business in their own ability to be creative and innovative in whatever future business or community settings they are working in.

More than 33 local business and community leaders get involved each year, mentoring students in group-based projects, requiring them to innovate in a variety of interesting areas.

This module is part of a wider initiative within the J.E. Cairnes School of Business & Economics to focus on student personal development, planning and employability skills development.

*Above: Product name 'On Time System' – a new mobile software application that alerts users to impending library fines. Overall winners, left to right: Leszek Majewski, Galway City; Bruce Brady, Oranmore, Co Galway; Kevin Moylan, Galway City; Gerard Harlow, Roscommon*

*Right: Product name 'Buddy Wristbands' – incorporating technology which allows friends track each other's location at an event/festival. Finalists, left to right: Shauna McLoughlin, Merville, Co Donegal; Jessica Jennings, Castlebar, Co Mayo; Aisling Duignan, Ballinamore, Co Leitrim; Claire Farrell, Strokestown, Co Roscommon*



Some of our mentors come from the following organizations

Bank of Ireland



**CIMA**  
Chartered Institute of  
Management Accountants

**F  ilte Ireland**  
National Tourism Development Authority

**Medtronic**

**Boston  
Scientific**

**CR  I**  
West of Ireland Cardiac Foundation

**Irish Wheelchair Association**

**Supermac's**



# Graduate Insights



**Paul Kenny, B Comm**

"I remember how tough the decision was to pick a university, somewhere that I was going to call home for a few years. But something struck me about NUI Galway. At the Open Day, I remember walking around, exploring the campus. I happened to bump into the then President, who took the time to explain to me the University's growth plan. NUI Galway is one of the few universities that continues to invest in its campus and students, even during the tough times of the last few years. This proved that NUI Galway was the university for me.

The Bachelor of Commerce gave me the basis of what I have achieved today. At the age of 25, I launched my first company, based in the Middle East – Cobone.com. It is now the largest eCommerce company in the region. I was announced the winner of the "Emerging" category in the Ernst & Young Entrepreneur of the Year awards and am also an Ambassador for the Irish government in the Middle East. NUI Galway not only gives you an excellent education but also gives you the platform to compete on a world level."



**Aubrey Dolan, B Comm  
(International with German)**

"Germany is the economic powerhouse within the EU and offers many opportunities for Irish graduates. I feel that after having studied Commerce (International) with German at NUI Galway, I have a greater professional scope. Choosing German with the Commerce degree was the best decision I ever made. I spent my year abroad in Germany, where I incorporated a work placement with Adidas. After graduating, I was immediately offered a full-time position by them as a senior production

manager. In 2010 my team and I worked with the likes of Lionel Messi and Lukas Podolski on a new Adidas product range. If you want to be in my 'boots', I recommend the B Comm (German) in NUI Galway as your number one choice."

Pictured left is Aubrey Dolan with Lionel Messi (FIFA Ballon d'Or winner 2010, 2011 & 2012 and current Argentina and Barcelona star)



**Kathleen Garrity, BSc Business  
Information Systems**

"Business Information Systems at NUI Galway has opened so many doors for me – a chance to study abroad, fantastic industry placement as well as relevant projects and topics. Everything I have gained from this course has worked in my favour when I searched for employment after graduation. I secured a job in a multinational company (Google Ireland), and have other wonderful options that I feel were

only handed to me because of the skills and attributes that I gained from the four years in the Business Information Systems course. I cannot speak highly enough about the amazing experience it has been. I would recommend this degree to anyone looking to learn in a positive and stimulating environment, with lecturers who teach topics that are current and interesting and who really care about their students."

## School of Law

“Law is an ancient discipline of enduring value and practical utility. In the School of Law we have a variety of options for undergraduate students that provide paths to traditional professional careers and many other careers too. Our graduate profile is diverse and successful and we work hard to ensure that all of our students are educated and trained to a level that prepares them for work and life challenges ahead.”

**Professor Donncha O’Connell**  
Head of School and Established  
Professor of Law





# Bachelor of Civil Law (BCL)

The Bachelor of Civil Law programme is the traditional law degree, offering a rich curriculum of core and optional legal subjects. All students are encouraged and assisted in acquiring skills in legal analysis, legal research and written and oral communication. The programme seeks to impart a solid grounding in law and the academic foundation necessary to prepare for entry to the legal professions.

All core law courses are covered as well as a number of complementary optional courses. It is also possible to study a European language – either French, German or Italian. If you have a keen interest in all aspects of the law and you wish to take all the required subjects to study for the legal professions in a single degree, then the BCL is for you. You can focus solely on law subjects or you can combine law and other subjects. You can then proceed to take the entrance examinations to become a solicitor or a barrister.

## Work Placement

There is an opportunity in final year for a limited number of students to participate in a clinical placement. This involves placement in a suitable work situation for eight to ten hours per week over ten weeks.

## International links

At the end of second year, interested students may opt to join the BCL International Programme, which involves spending third year at a university in mainland Europe. These students then return to complete their degree programme in fourth year. Final year BCL students may apply for one of several fellowships to participate in prestigious summer placements in various locations in the United States, including Boston and Philadelphia. Previous placements have included working with a Massachusetts appellate judge, the Massachusetts Secretary of State's office, and the Suffolk County District Attorney's office."

## Career prospects

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

## Further Study

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

## COURSE OUTLINE

### Year One

- ▶ Constitutional Law
- ▶ Contract Law
- ▶ Law of Torts
- ▶ Irish Legal System
- ▶ Intensive Legal Methods and Research
- ▶ Legal Procedure
- ▶ French/German/Italian or Family Law

### Year Two

- ▶ Administrative Law
- ▶ Company Law
- ▶ Criminal Law
- ▶ European Union Law
- ▶ Plus a number of options including:
  - Health Law
  - Human Rights
  - Housing Law
  - Media Law

- Entertainment Law
- Criminal Justice
- Intellectual Property
- Law of the Sea
- Information Technology Law

### Year Three

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

## COURSE FACTS

**CAO Code:** GY251

**Course Level:** 8

**Duration:** 3 years

**Minimum Entry Points 2014:** 425

**Minimum A-Level Grades:** ABB & c(AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate including Irish, English, another language and any three other subjects recognised for entry purposes.

### A-Level/GCSE Entry

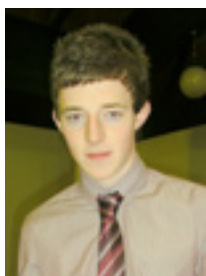
**Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 50



## KEY FACT

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



The BCL allowed me to study and research many areas of law that were of interest to me. The BCL gave me the extraordinary opportunity to undertake a two-month legal internship in Boston in the Massachusetts Secretary of State's Office while also studying law at Suffolk Law School. I highly recommend studying law at NUI Galway.

**Patrick Munnely – Bachelor of Civil Law**

## Find out more:

School of Law

+353 91 492 752

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

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

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# Bachelor of Corporate Law (B Corp Law)

## COURSE FACTS

**CAO Code:** GY250

**Course Level:** 8

**Duration:** 3 years

**Minimum Entry Points 2014:** 370

**Minimum A-Level Grades:**  
ABB or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 75



### KEY FACT

The B Corp Law offers a wide range of study options that allow students to take Law and Business subjects as well as Languages to enhance their employability. At the end of second year, students can choose to spend a year studying abroad.

**Find out more:**  
School of Law

**t** +353 91 492 752

**e** law@nuigalway.ie

**w** www.nuigalway.ie/law

The Bachelor in Corporate Law is a three-year degree programme which allows students the option of combining legal study with business and a language. Students will take key business subjects in each year and, if they wish, they may take a language to degree level. They have the choice of studying French, German, Italian or Spanish in each year of the course. The aim of the programme is to prepare students for careers as corporate lawyers in business and industry, in management and administration, and in similar fields. The programme is run in cooperation with the School of Business & Economics, and it has an average intake of around 75 students.

As a graduate of the B Corp Law programme, you will be equipped with a variety of unique and distinctive skills in both law and business, with the option of proficiency in a European language, and, therefore, prepared for a variety of careers.

## International links

Under the Erasmus/Year Abroad scheme, students may opt at the end of second year to join the B Corp Law International Programme, which involves spending third year at a university in mainland Europe. Students then return to complete their degree programme in Galway in their fourth year.

## Career Prospects

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

## Further Study

www.nuigalway.ie/law/courses

## COURSE OUTLINE

### Year One

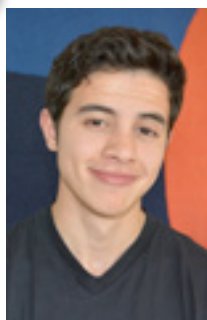
- ▶ Constitutional Law
- ▶ Contract Law
- ▶ Law of Torts
- ▶ Irish Legal System
- ▶ Legal Methods and Research
- ▶ Accounting
- ▶ Language (French/German/Italian/Spanish) or Business Information Systems

### Year Two

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

### Year Three

- ▶ Labour Law
- ▶ Legal and Business Ethics
- ▶ Plus a number of options from an extensive list, which includes:
  - Banking Law
  - Insurance Law
  - Competition Law
  - Environmental Law
  - Health and Safety Law
  - Information Technology Law
  - Industrial and Intellectual Property Law
  - International Trade and International Business Law
- Business options are also available



Studying Corporate Law has allowed me to broaden my horizons, and helped me realise my potential. I have met fascinating people along the path to my degree, through lectures, societies, and events organised by the School of Law. Corporate Law immerses students in both business and law modules, which open up a range of career opportunities after your degree.

**Mahmoud Abukhadir – Bachelor of Corporate Law**



# Law in Bachelor of Arts

Legal Studies is the umbrella term for the law subjects taken under the BA degree programme. The BA (Joint-Honours) in Legal Studies programme gives students the opportunity to combine the study of law with the study of other Arts subjects. In First Arts, students take Legal Studies as one of their three subjects and they take two other subjects from the Arts group of subjects (see page 31). The average class size in first year is 200.

In Second Arts, there is a limit of 100 on the number of students admitted to Legal Studies. Places are allocated on academic merit, based on the results in the First Arts examination in Legal Studies.

The BA in Legal Studies is a broad degree, which gives you a solid grounding in law while also providing you with a well-rounded degree.

A wide variety of subjects are available to choose from. Furthermore, those who wish to qualify as a solicitor or barrister may proceed into the final year of the LLB programme in NUI Galway so that they can complete some additional core law subjects necessary to meet the entrance and examination requirements of the legal professional bodies.

## Career Prospects

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

## Further Study

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

## COURSE FACTS

**CAO Code:** GY101

Bachelor of Arts (Joint-Honours)

**Course Level:** 8

**Duration:** 3 years

**Entry Requirements:** See page 30 in the Arts section for entry requirements.

**Average Intake:** 50



## COURSE OUTLINE

### Year One

- ▶ Legal Studies:
  - Irish Legal System
  - Key Issues in Irish Law
  - Legal Skills
- ▶ Plus two other subjects from the Arts subject groupings

### Year Two

- ▶ Legal Studies:
  - Constitutional Law
  - Law of Torts
  - Human Rights
  - Health Law
  - Law of the Sea
  - Legal Methods
- ▶ Plus one other subject from those chosen in first year

### Year Three

- ▶ Legal Studies:
  - European Union Law
  - Criminal Law
  - Contract Law
- ▶ Plus the other subject chosen in second year



Studying law through the Bachelor of Arts afforded me the opportunity to also study other subjects that interested me. It is without doubt one of the most rounded and broad means of legal education available in Ireland today. I would definitely recommend this course to anyone considering a broad, multi-faceted and well-rounded degree.

**Declan Higgins – BA (Legal Studies)**

## KEY FACT

The BA Legal Studies gives students a unique opportunity to study law with a choice of other Arts subjects on offer. Popular combinations include Legal Studies with Sociology and Politics or languages or English or History.

## Find out more:

School of Law

+353 91 492 752

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

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

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## Law in Bachelor of Arts (Public and Social Policy)

This three-year degree programme aims to provide students with a detailed understanding of the sources of public and social policy, and the implications of that policy for social institutions, individuals and the political system. It draws on key elements of legal, social, political and economic theory, and aims to provide students with a clear understanding of the functioning of legal, political and economic systems. In final year, students take some optional courses from all three disciplines: Economics, Law, and Sociological and Political Studies. Thus they develop specialisations in their chosen policy areas, including health, crime, family, environment, housing, human rights, social inclusion and other areas. Finally, all the strands of the course are drawn together in the Policy Seminar, which examines a range of issues from legal, economic, social and political perspectives.

The specific law subjects available in this programme are:

**First Year:** Key Issues in Irish Law, Irish Legal Systems, Law and Social Policy

**Second Year:** Sociology of Law, Constitutional Law, Health Law and Policy

**Third Year:** European Union Law and a choice of other law modules from an extensive range of options.

The BA (Public and Social Policy) will provide a solid, innovative and attractive educational foundation in the policymaking process, and will open up career possibilities for graduates in central and local government, the EU, non-governmental organisations and other bodies involved in the policy process.

BA (Public and Social Policy) graduates wishing to pursue a career in law may be admitted to the LLB programme (the full law degree), and exempted from first year, leaving two years to complete.

## Law in Bachelor of Commerce

A range of law subjects, including Business Law, Company Law and European Union Law, is offered in the B Comm programmes. A number of B Comm graduates who have taken the required number of law subjects may be admitted to the full law degree (LLB) and exempted from first year.

Interested students should apply to the CAO for a place on one of the B Comm programmes. For further information on the B Comm programmes, see the J.E. Cairnes School of Business & Economics section of the prospectus.

## How do I become a solicitor or barrister?

To become a solicitor, graduates must complete the professional training programme for solicitors with the Incorporated Law Society of Ireland, Blackhall Place, Dublin 7.

To become a barrister, graduates must undergo a one-year training programme with the barristers' professional body at King's Inns, Henrietta Street, Dublin 1, and subsequently they must 'devil' for at least a year with an experienced barrister. Students should check the latest entry requirements with the relevant professional bodies:

**The Incorporated Law Society (solicitors)**

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

**The King's Inns (barristers)**

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

## NUI Galway law graduate, Máire Whelan, is the first woman to hold the office of Attorney General in the history of the state.



Máire Whelan SC was appointed Attorney General by the President in April 2011 on the nomination of the Taoiseach, Enda Kenny TD.

The office of Attorney General is an extremely important constitutional office, the holder of which acts not just as legal adviser to the Government but also as guardian of the public interest.

Máire Whelan, a native of Kinvara, Co Galway, graduated from UCG with a BA and LLB in the early 1980s. Subsequently she did a Masters in Law at King's College, London, specialising in International Law. She was called to the Irish Bar in 1985 and took silk in 2005. She practised mainly in the areas of Family Law and Property Law and is co-author of a book on the law relating to the National Assets Management Agency (NAMA).

She was Chairperson of the Free Legal Advice Centres (FLAC) Ltd and also served on the Property Registration Authority.

**Máire Whelan, Attorney General**



# Graduate Insights



**Jaime Flattery –  
Bachelor of Corporate Law**

“I graduated in 2008 with a Bachelor of Corporate Law (International) and an LLB. During the Corporate Law programme I spent an enjoyable year on Erasmus in France. This encouraged me to later participate in the European Law Moot Court Competition, where the dedicated help of our EU lecturer/coach helped our team to reach the finals in Maastricht. I then pursued a Masters in European Litigation in the University of Luxembourg and completed a stage in the European Court of Justice. I now work as a

trainee solicitor in the Employment Law department in Matheson Ormsby Prentice, a large corporate firm in Dublin. The team advises on all aspects of the employment relationship such as; drafting employment contracts, advising on equality and unfair dismissals claims and advising on new legislative developments, often stemming from EU law. I feel that overall the choices and opportunities on offer at NUI Galway were invaluable and I would highly recommend it.”



**Maggie MacAonghusa –  
Bachelor of Civil Law**

“I graduated with a Bachelor of Civil Law degree in 2014. The BCL at NUI Galway has proved to be an excellent choice for me. Throughout the degree I studied all the core law subjects but I also got a taste of many other subjects such as Human Rights Law and Sociology of Law. Final year for me was packed with some particularly engaging modules. I did a moot court module that taught us about advocacy, the preparation of written submissions and how to deliver oral arguments in front of a panel of judges. I

also got the opportunity to do a placement with a solicitor, which gave me an invaluable insight into how the legal profession works. I got a well-rounded degree from NUI Galway, taught by lecturers who are genuinely interested in their areas of expertise and in promoting the development of students. I look forward to undertaking further study at postgraduate level at the University of Oxford.”



**Thomas Mahon –  
BA Legal Studies**

“The BA in Legal Studies provided me with a superb foundation not only for the postgraduate courses I went on to complete but also for my career to date. The course itself offered a terrific curriculum of core and optional legal subjects, helping me to acquire skills in legal research, legal analysis and develop my written communication skills. What set the course apart was the calibre of the staff, all of which are leaders in their fields. They added a rich depth of experience to the subjects they were teaching and were always

friendly, helpful and approachable. I’ve worked in the e-commerce industry for almost two years now, most recently as an Outsourcing Analyst with Paypal, and I still find myself drawing on the knowledge I’ve acquired from the BA in Legal Studies. My career trajectory demonstrates that this programme is not just an ideal platform for those wishing to pursue careers in the traditional Legal Professions but also to those who wish to embark on alternative career paths in Business and elsewhere.”



## College of Engineering and Informatics

"We play a critical role in the development of the knowledge economy. We are at the heart of innovation and design of smart products, services and infrastructure."

**Professor Gerry Lyons**  
Dean of the College of Engineering and Informatics





# Undenominated Engineering

Engineering is a wide area, covering such fields as civil engineering, mechanics, electronics and computer technology. This course offers you the option of studying engineering in a general way for a year before going on to specialise in your chosen field in second year.

In first year, you get to explore different areas of engineering, allowing 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 transfer to the second year of one of the programmes listed below:

- 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

## Work placement

All students undertake a Professional Experience Programme (PEP) in third year of their studies. The PEP typically lasts between 5 and 8 months (January or April to August). This Professional Experience Programme gives students an opportunity to work

on projects relevant to their course of study and significantly improves their chances of obtaining employment after graduation. In the event that no external placement is available, students will be given projects on campus.

There are also a number of opportunities for students to undertake their PEP abroad.

## International links

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, Zambia and Brazil. Students have completed work placements, research placements and teaching semesters in various international locations.

## Career prospects

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

## Further study

Students branch into one of the 8 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.

## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Choose to follow one of the following denominated programmes:
- ▶ Energy Systems Engineering

- ▶ Civil Engineering
- ▶ Project and Construction Management
- ▶ Electronic and Computer Engineering
- ▶ Electrical and Electronic Engineering
- ▶ Mechanical Engineering
- ▶ Biomedical Engineering
- ▶ Computer Science and Information Technology

### Year Three

- ▶ Follow chosen course of Engineering (including work placement)

### Year Four

- ▶ Follow chosen course of Engineering



I would strongly recommend undenominated to anyone considering Engineering; it gives you an opportunity to experience all disciplines. The course is really interesting. I got a chance to apply all my knowledge of maths and science to practical situations through the design projects in semester two.

**Laura Dennehy – BE (Energy Systems)**

## COURSE FACTS

**CAO Code:** GY401

**Course Level:** 8

**Duration:** 1 year – students then transfer into a denominated programme

**Minimum Entry Points 2014:** 400

**Minimum A-Level Grades:**

AAA or equivalent combination, Grade C in A-Level Mathematics

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 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 150 for matriculation entry requirements.

**Average Intake:** 100

## KEY FACT

Undenominated Engineering allows you to study a one year general programme before going on to specialise in your chosen field in second year.

## Find out more:

Dr. Eoghan Clifford  
Civil Engineering  
College of Engineering  
and Informatics

+353 91 492 219

eoghan.clifford@nuigalway.ie

www.nuigalway.ie/  
engineering-informatics

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# Bachelor of Engineering (Civil)

Civil Engineering is concerned with the planning, design, construction and maintenance of the built environment. It encompasses minor and major structures, ranging from drainage systems, houses, commercial buildings, roads and bridges to multistorey buildings and water and wastewater treatment facilities. The work of civil engineers is most visible in the structures in which we live and work, and their contribution is also seen in transportation systems such as subways, motorways, railways, airports and harbours.

## Work placement

A five month work placement with a civil engineering firm follows completion of the third year of study. This Professional Experience Programme gives students an opportunity to work on projects relevant to the programme and significantly improves their chances of obtaining employment after graduation. All Civil Engineering students were placed in 2014.

## International links

If you think you might enjoy developing and constructing bridges, tunnels, roads, railways, major buildings or other infrastructural projects, you should consider civil engineering. The skills you will learn will give you opportunities for work worldwide wherever development is taking place, not least in the developing economies of the BRIC countries (Brazil, Russia, India and China).

## Career prospects

Graduates from the Civil Engineering programme will be eligible for employment in the private sector in construction companies, consultancies and contractors dealing with all aspects of building, transportation and infrastructural projects. As Ireland emerges from the recession, there is an ever increasing demand for Civil Engineering graduates. In fact it is now anticipated that there will be a shortage of graduates by 2016.

## Further study

For those interested in postgraduate study, a 9 month taught ME degree was launched in 2013. Also PhD and MEngSc degrees are obtained mainly through doing research work. Students will specialise in one of the discipline's various areas of research, working with a high degree of independence and becoming experts on their chosen topic. This work is usually presented at international conferences and published in journals.





## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Mathematics and Applied Mathematics I
- ▶ Mathematics and Applied Mathematics II
- ▶ Engineering Materials
- ▶ Thermodynamics & Fluid Mechanics
- ▶ Electronic Instrumentation and Sensors
- ▶ Principles of Building
- ▶ Engineering Hydraulics I
- ▶ Civil Engineering Materials & Design
- ▶ Computer Aided Design and Surveying
- ▶ Strength of Materials

### Year Three

- ▶ Structural Engineering Design I
- ▶ Solids and Structures
- ▶ Introduction to Geomechanics
- ▶ Engineering Hydraulics II
- ▶ Environmental Engineering
- ▶ Transportation Systems and Infrastructure I
- ▶ Construction Operations

### Year Four

- ▶ Structural Engineering Design II
- ▶ Theoretical and Applied Geomechanics
- ▶ Coastal and Offshore Engineering
- ▶ Structural Analysis
- ▶ Project Management
- ▶ Design of Sustainable Environmental Systems I
- ▶ Hydrology and Water Resource Engineering
- ▶ Sustainable Energy and Energy in Buildings
- ▶ Civil Engineering Project

## COURSE FACTS

**CAO Code:** GY402

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 415

### Minimum A-Level Grades:

ABC & b(AS) or equivalent combination, Grade C in A-Level Mathematics

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 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 150 for matriculation entry requirements.

**Average Intake:** 60



In my opinion there is no better place than NUI Galway to complete an engineering degree due to the state of the art facilities within the new engineering building. The Civil Engineering degree offers great diversity in terms of subjects taught and prepares you for a variety of careers.

**Kerril Lindsay – BE (Civil)**

### KEY FACT

Where better to study civil engineering than in one of Ireland's most iconic structures designed with student learning in mind?

### Find out more:

Brid Flaherty  
Civil Engineering  
College of Engineering  
and Informatics

+353 91 492 170

t

brid.flaherty@nuigalway.ie

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www.nuigalway.ie/  
engineering-informatics

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# Bachelor of Engineering (Mechanical)

Mechanical Engineering is about designing and making all the parts and machines you see around you, from a hard disk drive to a jet aircraft to a wind turbine. Anything that moves (and many things that don't) are in the world of mechanical engineering. Mechanical engineers design the tools and processes necessary to create every manufactured product. They are often at the centre of the innovation process, from the first spark of an invention right through to finished products that make life better.

## Work placement

Students undertake a five-month (April to August) work placement after their third year of study (if no industry placement is available, students will be given projects on campus). This Professional Experience Programme gives students an opportunity to work on projects relevant to their course of study, and it significantly improves their chances of obtaining employment after graduation. Students have been placed with ESB, Intel, Lufthansa Technik, Medtronic, MCS Kenny and many other companies. Several overseas placements are available each year, in the USA, Germany, the UK and elsewhere.

## International links

For third-year students, there is the possibility of spending a semester at Purdue University, a leading US engineering school.

## Career prospects

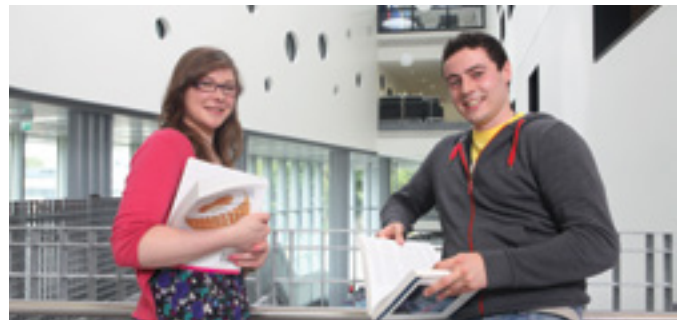
Mechanical Engineering is perhaps the most wide-ranging engineering discipline, and offers diverse career opportunities. Students go on to work in research and development, design, innovation, manufacturing and management across almost every industry.

Some recent graduates work in:

- Aerogen (medical device design)
- Rolls Royce (jet engine aerodynamic design)
- Boston Scientific (designing medical devices and the equipment to produce them)
- ÉireComposites (design and manufacture of wind turbine blades, aircraft parts and other products with high-performance materials)
- OpenHydro (design of renewable energy systems)
- Caterham Formula 1 (racing car structural design).
- The mechanical engineering staff work closely with industrial partners on research and consultancy projects, and in many cases this helps students to find placements, projects and employment.

## Further study

The ME Masters in Mechanical Engineering (60 ECTS) programme is designed to provide the additional one-year educational requirements for Chartered Engineer status and for parity with equivalent international engineering degree programmes.





## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Engineering Calculus
- ▶ Engineering Algebra
- ▶ Engineering Statistics
- ▶ Engineering Applied Mathematics
- ▶ Design II
- ▶ Thermodynamics and Fluid Mechanics
- ▶ Engineering Materials
- ▶ Instrumentation and Sensors
- ▶ Electrical Circuits and Systems
- ▶ Engineer in Society, Service Learning and Ethics
- ▶ Fundamentals of Operations Engineering

### Year Three

- ▶ Mechanical Analysis and Design
- ▶ Design II
- ▶ Fluid Dynamics
- ▶ Materials II
- ▶ Thermodynamics and Heat Transfer
- ▶ Automated Systems
- ▶ Mechanical Vibrations
- ▶ Control Systems
- ▶ Electrical Power and Machines
- ▶ Quality Systems
- ▶ Professional Engineering Placement (PEP)

### Year Four

- ▶ Individual Design/Research Project
- ▶ Advanced Mechanical Analysis and Design
- ▶ Computational Methods in Engineering Analysis
- ▶ Polymers Engineering
- ▶ Energy Conversion
- ▶ Technology Innovation and Entrepreneurship
- ▶ Plus two choices from a number of other courses broadly covering two streams of:
  - Manufacturing Systems
  - Power/Energy Engineering

## COURSE FACTS

**CAO Code:** GY405

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 425

### Minimum A-Level Grades:

ABB & c(AS) or equivalent combination, Grade C in A-Level Mathematics

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 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 150 for matriculation entry requirements.

**Average Intake:** 30



I have an interest in learning all about the machines which fill our world today and the possibilities for the machines and ideas which will shape the future. It is a broad discipline, relevant to nearly every industry and organisation, including my own career in the Defence Forces.

**Donncha Lenihan - BE ( Mechanical Engineering)**

### KEY FACT

Mechanical engineers are needed everywhere, from small but world-class Irish-owned specialist companies to huge multinational employers in medical devices, energy, electronics and pharmaceuticals.

### Find out more:

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engineering-informatics

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# Bachelor of Engineering (Electronic and Computer)

Electronic and Computer Engineers design computer systems such as: tablet computers, communications systems (smart phones, computer networks, broadband internet, wireless mobile networking), medical devices (patient worn monitors, hospital based systems), energy systems, next generation smart manufacturing systems and transportation systems (cars, buses, trains, aeroplanes). Electronic and Computer Engineers also write software such as: mobile apps, internet applications, medical diagnostics software, signal processing for multimedia applications, GPS, networking and more.

Electronic and Computer Engineering is a career that involves working with fast-moving electronic technologies that appear on a daily basis. Graduates of the Electronic and Computer Engineering programmes are equipped with the skills to quickly embrace new technologies as they appear, and very often, Electronic and Computer Engineers are the ones that develop these new and innovative software and hardware technologies.

## Work placement

The Professional Experience Programme offers placement opportunities for students. In third year, students undertake a five-month (April-August), off-campus work placement following completion of that year's study. The placement allows students to experience the real world of engineering and gives them their first taste of the excitement of working in this highly innovative field. If no external placement is available, students will be given projects on campus.

## International links

The BE in Electronic and Computer Engineering degree is accredited by Engineers Ireland and is therefore recognised internationally as a Level 8 degree qualification in engineering. In recent years, students are finding increasing opportunities in 3rd year placements and in graduate employment abroad.

## Career prospects

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

Throughout Ireland, there are numerous smaller companies thriving on a very buoyant technology market. These companies are experiencing huge demand for their services and products globally and will need a strong supply of highly educated, enthusiastic and creative engineers to carry them to even greater success. Several of our graduates have gone on to start their own companies and are currently thriving on the continued growth of the digital marketplace.

## Further study

[www.nuigalway.ie/engineering-informatics/prospectivestudents/postgraduatestudents/](http://www.nuigalway.ie/engineering-informatics/prospectivestudents/postgraduatestudents/)





## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Maths
- ▶ Engineering Materials
- ▶ Thermodynamics & Fluid Mechanics
- ▶ Electronic Instrumentation and Sensors
- ▶ Electrical Circuits and Systems
- ▶ Analogue Systems Design
- ▶ Digital Systems
- ▶ Microprocessor Systems Engineering
- ▶ Programming
- ▶ Database Systems

### Year Three

- ▶ Embedded Systems Applications
- ▶ Programming
- ▶ Electromagnetic Theory
- ▶ Digital Systems
- ▶ Analogue Systems Design
- ▶ Signals and Communications
- ▶ Communications Systems Engineering
- ▶ Professional Studies
- ▶ Project

### Year Four

- ▶ System on Chip Design
- ▶ Advanced RF Engineering Electromagnetics
- ▶ Digital Signal Processing
- ▶ Telecommunications Software Applications
- ▶ Communications and Signal Processing Applications
- ▶ Distributed Systems and Co-Operative Computing
- ▶ Real-Time Systems
- ▶ Software Engineering
- ▶ Machine Learning & Data Mining
- ▶ Project

## COURSE FACTS

**CAO Code:** GY406

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 405

### Minimum A-Level Grades:

AAA or equivalent combination,  
Grade C in A-Level Mathematics

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 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 150 for matriculation entry requirements.

**Average Intake:** 20



Electronic and Computer Engineering opens the door to some of the fastest growing areas of technology. It gives students a solid grounding in both hardware and software and the PEP programme gives the opportunity to gain invaluable industry experience. NUI Galway is home to one of the best electronic/computer engineering departments in the country with courses delivered by experts in their fields.

**Gerard O'Leary – BE (Electronic and Computer)**

### KEY FACT

The Electronic and Computer Engineering programme equips graduates to contribute strongly to the smart phone revolution.

### Find out more:

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# Bachelor of Engineering (Biomedical)

**BioMed**
**NUI GALWAY IS IRELAND'S LEADING UNIVERSITY FOR BIOMEDICAL TEACHING AND RESEARCH**

Biomedical Engineering involves the use of cutting-edge technologies to help improve human healthcare. Biomedical engineers are involved in the design and creation of medical devices, implants such as stents, instruments and materials for clinical use. They also apply their engineering skills to problems in human biology and are at the forefront of developments in human medicine enabling the medical profession to diagnose and treat disease and repair or replace damaged living tissue.

This degree programme was developed as a result of the need within the biomedical industry for highly skilled personnel. Locally based biomedical companies, of which there is a significant cluster, were involved in its design. It therefore remains highly relevant to the needs of the industry while giving students a full training in engineering design principles and their application to human biology in an interdisciplinary environment.

## Work placement

As part of this four-year course, students will undertake an eight-month (January-August), off-campus work placement in an industrial setting following completion of their first semester of third year – the Professional Experience Programme (PEP). In the event that no external placement is available, students will be given projects on campus. This placement gives students an opportunity to work on projects relevant to their study and significantly improves their chances of obtaining employment after graduation.

## International links

We have strong international links with Purdue, Indiana USA, Georgia Institute of Technology, Atlanta USA, Politecnico di Milano, Italy, and RWTH Aachen, Germany that are all international centres of excellence in Biomedical Engineering.

## Career prospects

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

## Further study

[www.nuigalway.ie/engineering-informatics/prospectivestudents/postgraduatestudents/](http://www.nuigalway.ie/engineering-informatics/prospectivestudents/postgraduatestudents/)



Biomedical engineers are true innovators who use their broad knowledge of engineering and biology to develop new medical devices and machines that can improve health and save lives.

**Dr Laoise McNamara**  
Lecturer



## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Human Body Structure
- ▶ Introduction to Biomaterials
- ▶ Electronic Instrumentation and Sensors
- ▶ Mathematics and Applied Mathematics
- ▶ Thermodynamics and Fluid Mechanics
- ▶ Strength of Materials
- ▶ Design I
- ▶ Materials I
- ▶ Statistics

### Year Three

- ▶ Biomedical Design
- ▶ Mechanical Analysis and Design
- ▶ Quality Systems
- ▶ Human Body Function
- ▶ Fluid Dynamics
- ▶ Principles of Biomaterials
- ▶ Automated Systems

### Year Four

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

## COURSE FACTS

**CAO Code:** GY408

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 420

### Minimum A-Level Grades:

ABC & a(AS) or equivalent combination, Grade C in A-Level Mathematics

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 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 150 for matriculation entry requirements.

**Average Intake:** 25



### KEY FACT

With eight of the world's top ten biomedical companies based in Ireland – many of which are in Galway – there are excellent prospects for you to get employment nationally while remaining open to opportunities overseas.

### Find out more:

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Biomedical Engineering is an exciting and rapidly expanding field. The course allows students to learn about new emerging technologies with the ability to prolong and improve the quality of people's lives. The fact that technologies being developed by biomedical engineers are continually improving the lives of people is a highly satisfying result of the work we do.

**Orla McGee – BE (Biomedical)**

# Bachelor of Science (Project and Construction Management)

Every project creates a unique product, service or result. The Project and Construction Management degree sets out to develop the technical, business, managerial and interpersonal skills needed to succeed in industry. Project and Construction managers are now a specific and necessary role within the construction industry.

Project and Construction Management is an interdisciplinary degree programme preparing graduates for technical, management, and research and development level positions across a range of industries. Becoming a project and construction manager will mean you will be trained in the fundamentals of civil engineering, construction, business and economics. You will learn about managerial and accounting principles, get an introduction to human resources management and gain an insight into the concepts of financial management. Other focuses over the four-year programme are health and safety law, quality management and planning. The course will provide you with the capacity to critically analyse and apply problem solving skills across a growing and diverse number of construction specialisms.

## Work placement

Students studying for the BSc degree in Project & Construction Management will complete work placements as part of the Professional Experience Programme (PEP), which gives you a chance to work in a company for up to five months at the end of the third year of study. There are a range of placement opportunities for students, such as project management of construction projects, construction management on construction sites, quality management in manufacturing industries, engineering design, quantity surveying, and so on. Due to the interdisciplinary programme, students will have a distinct advantage in gaining employment, having a firm understanding of a broad range of topics. In the past students have obtained placement with companies and organisations in Ireland, as well as countries around the world, ranging from the UK to developing countries, such as Zambia.

## International links

Students who have studied for the BSc degree in Project & Construction Management completed taken work placements as part of the Professional Experience Programme (PEP) in countries around the world, ranging from the UK to developing countries, such as Zambia. Our programme has strong links with American universities and companies, which could allow students to spend some time in the US also during their studies.



## Career prospects

The project management skills gained from the programme will be marketable across a wide range of industries, including construction, engineering, biomedical, biopharma, technology, and science. Graduates will be qualified to work as engineering assistants or construction project managers or their assistants, and in various supervisory positions, such as in building maintenance, quality control, and health and safety.

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

## Further study

The PhD and MEngSc degrees are obtained through doing research work, with an optional minor taught element in the case of the MEngSc. Students specialise in one of the discipline's various areas of research, working with a high degree of independence and becoming experts on their chosen topics. This work is usually presented at international conferences and published in journals.

Community-based research projects give students the flexibility to further explore areas that interest them, while gaining experience of working in a small team with community partners on real projects.

**Dr. Jamie Goggins**  
Programme Director



## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Introduction to Health & Safety Law
- ▶ Computer Aided Design and Surveying
- ▶ Principles of Building
- ▶ Engineering Materials
- ▶ Strength of Materials
- ▶ Civil Engineering Materials and Design
- ▶ Business Law I
- ▶ Management Accounting I
- ▶ Fundamentals of Operations Engineering
- ▶ Project Planning and Organisation

### Year Three

- ▶ Operation Research
- ▶ Economics I
- ▶ Human Resource Management
- ▶ Construction Operations
- ▶ Project Planning & Organisation II
- ▶ Structural Engineering Design I
- ▶ Transportation Systems and Infrastructure I
- ▶ Introduction to Geomechanics
- ▶ Safety Technology
- ▶ Planning and Law I

### Year Four

- ▶ Business Law II
- ▶ Management of Organisational Change
- ▶ Quality Systems
- ▶ Technology Innovation and Entrepreneurship
- ▶ The Built Environment (Architecture and Planning)
- ▶ Project Management
- ▶ Safety and Construction
- ▶ Managerial Economics
- ▶ Estimates and Costing
- ▶ Professional Studies
- ▶ Dissertation

## COURSE FACTS

**CAO Code:** GY410

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 360

### Minimum A-Level Grades:

BBB or equivalent combination,  
Grade D in A-Level Mathematics  
or Grade B at O-Level

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum Grade OB3 or HD3 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 150 for matriculation entry requirements.

**Average Intake:** 9



### KEY FACT

Completing a BSc in Project and Construction Management will mean you will be trained in the fundamentals of civil engineering, construction, management, business and economics.



Project and Construction Management at NUI Galway was an easy choice as I had an interest in the Construction industry, specifically project planning and scheduling. This course has prepared me with essential knowledge and skills which will prove useful in a number of possible job opportunities within construction or in industries such as biopharma, technology and science.

**Martin Gallagher – BE (Project and Construction Management)**

### Find out more:

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# Bachelor of Engineering (Energy Systems)

Energy Systems Engineering is a multidisciplinary programme that aims to address humanity's most challenging question: "How do we meet growing demand for energy while protecting our environment and ensuring access to clean, affordable and reliable energy for all?" Energy Systems Engineers have grounding in a core fundamental discipline, Civil, Electrical or Mechanical Engineering, as well as expertise in multidisciplinary aspects of the energy challenge including complex energy systems, the smart grid, energy supply, demand and management, policy, economics and the environment.

## Work placement

You will go on work placement in third year for 5 months in an Energy Systems Engineering-related company. Companies that employ our placement students include ESB, SSE Renewables, Thermo King, DP Energy, MSC Kenny, Medtronic, Boston Scientific and many more. Many of our students have conducted their work placement overseas in places like the UK, USA, Germany and Australia.

## International links

Many of our students have conducted their work placement overseas in places like the UK, USA, Germany and Australia. Additionally, Energy Systems Engineering students have created strong and growing links with the Institute for Solar Energy in Germany. Student exchanges are currently underway.

## Career prospects

The 2014 Energy Systems Engineering Graduate Employment Survey shows:

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

## Further study

NUI Galway has developed a 60-credit 1-year Masters of Engineering in Energy Systems, which in conjunction with the B.E. programme, meets Engineers Ireland's requirements for Chartered Engineer status. Additionally our graduates pursue PhD/Masters research at MIT (Massachusetts Institute of Technology, USA), Imperial College London (UK), Delft Technical University (Netherlands) and at NUI Galway.



Graduates from this programme will play a critical part in Ireland's future in emerging fields of renewable energy and smart grids."

**Dr. Marcus Keane**  
**Programme Director Energy Systems Engineering**



## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Mathematics and Applied Mathematics
- ▶ Thermodynamics & Fluid Mechanics
- ▶ Electronic Instrumentation and Sensors
- ▶ Strength of Materials
- ▶ Electrical Circuits and Systems
- ▶ Building Systems
- ▶ Statistics
- ▶ Design
- ▶ Civil Engineering Materials and Design OR Materials 1

### Year Three

#### Core Topics:

- ▶ Sustainable Energy
- ▶ Linear Control Systems
- ▶ Thermodynamics and Heat Transfer
- ▶ Object Oriented Programming
- ▶ Introduction to Modelling
- ▶ Electromechanical Power Conversion
- ▶ Project and Professional Studies

#### Electives:

- ▶ Students will focus on civil, mechanical or electrical aspects of Energy Systems.

#### Electrical:

- ▶ Signals and Communications
- ▶ Microprocessor Systems Engineering
- ▶ Analogue Systems Design 1
- ▶ Communication Systems Engineering

#### Mechanical:

- ▶ Mechanical Analysis and Design
- ▶ Mechanical Vibrations
- ▶ Fluid Dynamics
- ▶ Systems Reliability

#### Civil:

- ▶ Structures
- ▶ Transportation Systems and Infrastructure
- ▶ Structural Engineering Design

### Year Four:

#### Core Topics:

- ▶ Project Management
- ▶ Energy in Buildings
- ▶ Energy Conversion
- ▶ Computational Methods in Energy Systems Engineering
- ▶ Smart Grid
- ▶ Energy Systems Engineering Project
- ▶ Advanced Energy Systems Engineering

#### Electives:

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

#### Electrical:

- ▶ Power Electronics
- ▶ Advanced Power Electronics
- ▶ Digital Signal Processing
- ▶ Power Systems

#### Mechanical:

- ▶ Systems Reliability
- ▶ Polymer Engineering
- ▶ Turbomachines and Advanced Fluid Dynamics
- ▶ Combustion Science and Engineering

#### Civil:

- ▶ Structural Design
- ▶ The Built Environment
- ▶ Planning and Law

## COURSE FACTS

**CAO Code:** GY413

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 430

#### Minimum A-Level Grades:

ABB & b(AS) or equivalent combination, Grade C in A-Level Mathematics

#### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 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 150 for matriculation entry requirements.

**Average Intake:** 43

### KEY FACT

Ireland imports 85% of all the energy it uses at an annual cost of over €6 billion. Developing our own sustainable energy resources would cut pollution, create jobs and save us billions of Euro each year.

#### Find out more:

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This course has encouraged me to be innovative and develop my problem-solving skills through applying mathematical, scientific and engineering principals to energy related problems. The five month (PEP) work placement in third year allows students to get a feel for a real working environment. I would recommend this degree to anyone considering a broad, multi-faceted and well-rounded degree with wide range of career opportunities.

**Sorcha Tarpey – BE (Energy Systems)**

# Bachelor of Engineering (Electrical and Electronic)

Electrical and Electronic Engineers develop and apply technologies to meet our demands for ever more efficient, intelligent and integrated electrical and electronic products. Graduates of the BE in Electrical and Electronic Engineering are needed to develop advanced solutions in renewable energy, medical technology, automotives, mobile telephones and automation (as required, for example, in pharmaceutical processes).

The programme title reflects the broad range of electrical and electronic technologies covered, so that graduates are qualified to work in a wide selection of high-tech industries where there is a high demand for Electrical and Electronic Engineers. This includes electricity supply & distribution, microelectronics, telecommunications and process control & automation

## Work placement

Students complete a five-month (April-August), off-campus work placement following completion of their third year of study, where they are employed as intern Electrical and Electronic Engineers in industry. Most students are placed in Irish based companies, although there are increasing opportunities for placements abroad. In the event that no external placement is available, students are assigned to work on industry related projects on campus. This Professional Experience Programme gives students an opportunity to work on projects relevant to their course of study and significantly improves their chances of obtaining employment after graduation.

## International links

The BE in Electrical and Electronic Engineering degree is accredited by Engineers Ireland and is therefore recognised internationally as a Level 8 degree qualification in engineering. In recent years, students are finding increasing opportunities in 3rd year placements and in graduate employment abroad.

## Career prospects

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

Completing the BE degree in Electrical and Electronic Engineering offers a passport to national and international career opportunities in a diverse range of industries, electrical utilities and organisations which use electrical and electronic engineering expertise. With the ongoing emphasis on energy, there is an increasing requirement for graduates in electrical generation, transmission and distribution, with companies like ESB, Airtricity and Bord Gáis. Semiconductor manufacturing and design provides another dynamic career path in the ICT sector, with many of the world's leading companies located in Ireland including Intel, Analog Devices, On Semiconductor, Texas Instruments and Microsemi.

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

## Further study

Following graduation, graduates can progress to a 9 month taught masters degree leading to a Level 9 ME qualification. Alternatively, graduates can pursue postgraduate study in the college as research masters or PhD students. Students who enter postgraduate study directly from their undergraduate courses are normally admitted to the Master of Engineering Science (MEngSc) or the PhD programmes. The MEngSc degree may be obtained by course work with a minor thesis or by research work with a major thesis.



This programme is designed to train graduates in a wide range of fundamental skills in electrical/electronic engineering, so that they are prepared for a career in developing next generation technologies“

**Dr. Maeve Duffy**  
**Programme Director**

## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Maths
- ▶ Statistics
- ▶ Thermodynamics & Fluid Mechanics
- ▶ Electronic Instrumentation and Sensors
- ▶ Electrical Circuits and Systems
- ▶ Analogue Systems Design
- ▶ Digital Systems
- ▶ Microprocessor Systems Engineering
- ▶ Fundamentals of EM Theory
- ▶ Programming

### Year Three

- ▶ Project & Professional Studies
- ▶ Linear Control Systems
- ▶ Electromechanical Power Conversion
- ▶ Signals and Communications
- ▶ Communications Systems Engineering
- ▶ Engineering Electromagnetics
- ▶ Digital Systems
- ▶ Analogue Systems Design

### Year Four

- ▶ Project Management
- ▶ Power Systems
- ▶ Power Electronics
- ▶ Digital Signal Processing
- ▶ Communications & Signal Processing Applications
- ▶ Telecommunications Software Applications
- ▶ System on Chip Design
- ▶ Digital Control Systems
- ▶ Applied Software Engineering
- ▶ Project

## COURSE FACTS

**CAO Code:** GY414

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 420

### Minimum A-Level Grades:

ABC & a(AS) or equivalent combination, Grade C in A-Level Mathematics

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 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 150 for matriculation entry requirements.

**Average Intake:** 7



### KEY FACT

Graduates from the EEE programme are equipped to work in a wide range of industries from renewable energy, automotive electronics, medical devices and telecommunications.

### Find out more:

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In my final year I have been involved in many different projects, including the development of an android app and a project to assist a wheelchair user exiting through a door during my 3rd year. These projects helped enhance my skills and exposed me to both hardware and software on a practical level.

**Cliona Flood – BE (Electrical and Electronic)**



# Bachelor of Science (Computer Science and Information Technology)

The BSc (Honours) in Computer Science and Information Technology produces graduates that excel in varied CS & IT disciplines, such as digital media and games development, software engineering, medical informatics, IT consulting and energy informatics.

The student will be exposed to a range of hardware and software related technologies involving the use of devices such as computers, tablets and mobile phones. The programme focuses mainly on designing and developing high quality software applications for a wide range of application domains.

This degree has problem-based learning at its core. You will acquire an in-depth knowledge of the foundations of mathematics and computer science, software engineering technologies and an array of practical application areas. Computer Science and Information Technology has a flexible course structure, where you can choose to study a range of next-generation technology areas, including digital media and games, enterprise informatics, energy informatics, computational mathematics, scientific computing and medical/bio-informatics.

## Work placement

Students will undertake a five-month (April-August), off-campus work placement following completion of their third year of study. In the event that no external placement is available, students will be given projects on campus. This Professional Experience Programme gives students an opportunity to work on projects relevant to their course of study and significantly improves their chances of obtaining employment after graduation.

## International links

Some students may undertake their work placement abroad. Also, many of the companies that recruit graduates of this programme are large multinational organisations.

## Career prospects

Graduates of the BSc (CSIT) are highly skilled and are equipped to take on employment as professional engineers, designers or consultants in a range of organisations, specialising in areas such as software design and development, digital media and games, IT consultancy, telecommunications and medical informatics. Prospects for IT/computing graduates remain very strong in Ireland and throughout the world. The government's Expert Group on Future Skill Needs has highlighted a shortfall in the number of IT/computing graduates as the numbers studying it are not adequate to meet the demand in virtually every sector.

## Further study

Graduates can pursue postgraduate study in the College as Masters or PhD students. Directly after their undergraduate courses, students can earn a Master of Science (MSc) Degree, which involves either course work with a minor thesis, or research work with a major thesis, or students can enter a PhD programme.



| COURSE OUTLINE                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                               | COURSE FACTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Year One</b> <ul style="list-style-type: none"><li>▶ Computing Systems I</li><li>▶ Fundamentals of Electrical &amp; Electronic Engineering</li><li>▶ Next-Generation Technologies I</li><li>▶ Programming I</li><li>▶ Algorithms &amp; Information Systems</li><li>▶ Mathematics</li><li>▶ Principles of Physics</li></ul>                                                  | <b>Year Four</b> <ul style="list-style-type: none"><li>▶ Real Time Systems</li><li>▶ Distributed Systems</li><li>▶ Advanced Professional Skills</li><li>▶ Artificial Intelligence</li><li>▶ Machine Learning and Data Mining</li><li>▶ Modern Information Management</li><li>▶ Graphics &amp; Image Processing</li><li>▶ Computer Security &amp; Forensic Computing</li><li>▶ Software Engineering III</li><li>▶ Final Year Project</li></ul> | <b>CAO Code:</b> GY350<br><br><b>Course Level:</b> 8<br><br><b>Duration:</b> 4 years<br><br><b>Minimum Entry Points 2013:</b> 420<br><br><b>Minimum A-Level Grades:</b><br>ABC & a (AS) or equivalent combination, Grade D in A-Level Mathematics or Grade B at O-Level                                                                                                                                                                                                                                                                                                                                    |
| <b>Year Two</b> <ul style="list-style-type: none"><li>▶ Professional Skills</li><li>▶ Introduction to Modelling</li><li>▶ Software Engineering 1</li><li>▶ Databases Systems I</li><li>▶ Next Generation Technologies II</li><li>▶ Programming II</li><li>▶ Mathematics</li><li>▶ Statistics</li></ul>                                                                         | In final year, students take additional subjects and projects in one of the following areas: <ul style="list-style-type: none"><li>• Digital Media and Games</li><li>• Energy Informatics</li><li>• Medical/Bio-informatics</li><li>• Scientific Computing</li><li>• Enterprise Informatics</li><li>• Computational Informatics</li></ul>                                                                                                     | <b>Leaving Certificate Entry Requirements:</b> Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum Grade OB3 or HD3 in Mathematics or alternatively obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University). |
| <b>Year Three</b> <ul style="list-style-type: none"><li>▶ Network and Data Communications</li><li>▶ Programming Paradigms</li><li>▶ Programming III</li><li>▶ Software Engineering and Project Management</li><li>▶ Human Computer Interaction</li><li>▶ Database Systems II</li><li>▶ Next Generation Technologies III</li><li>▶ Applied Probability and Statistics</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>A-Level/GCSE Entry Requirements:</b> See page 150 for matriculation entry requirements.<br><br><b>Average Intake:</b> 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



Studying Computer Science at NUI Galway is everything I expected it to be from the description - and more! I am an active member of the computer society, choral society and GUMS. I am enjoying college life here at NUI Galway. I would recommend the course to anyone.

**Ryan Hehir – BE (Computer Science and Information Technology)**

**KEY FACT**

According to the EU, by 2015 Europe will have 900,000 job vacancies in the Information and Communication Technologies sector.

**Find out more:**

Tina Earls  
Information Technology  
College of Engineering and Informatics

|                      |   |
|----------------------|---|
| +353 91 492 143      | t |
| info@it.nuigalway.ie | e |
| www.it.nuigalway.ie  | w |

# Ireland's largest School of Engineering – A Learning Laboratory



**Dr Jamie Goggins, Senior lecturer, Civil Engineering**

“NUI Galway's new Engineering Building is the largest School of Engineering in the country and opened in July 2011. The building is equipped with world-class facilities, providing a working example for engineering students to study. The building gives our students an opportunity to collaborate with other students and to help them to understand engineering on a more personal level. From exposed structural elements on view to built-in sensors (measuring light, temperature, carbon dioxide, strain) throughout, its features make the learning experience a more positive one for our students.

This learning laboratory, located beside the River Corrib, houses state-of-the-art lecture theatres, classrooms, research facilities and breakout spaces where students collaborate on projects and discuss the latest cutting-edge developments in engineering. Our laboratories give our students an opportunity to design and build prototypes for testing and evaluation. It's no surprise that it was voted Ireland's favourite building in the 2012 Royal Institute of Architects of Ireland Public Choice Award.”



**Michael Fleming, Civil Engineering Student**

“The new Engineering Building has really enhanced my learning experience. As you walk through the corridors, you see sections of different elements of the building exposed – such as the reinforcement bars in the concrete walls, the base of a concrete column, and electrical wires. Such elements would usually be hidden in any other building. Here they are left open to view so that students can see for themselves how they were installed.”





# Graduate Insights



**James O'Hara,**  
**BE Civil Engineering**

"I'm a Construction Project Manager with SSE Renewables (Airtricity). I coordinate and manage the main contractors who work on a windfarm construction site to ensure the delivery of the project safely, on budget and on time. I also coordinate with the grid operator, either ESB on the network or Eirgrid on the transmission side, to ensure timely delivery of our grid connection. In addition, I deal with all landowners from whom we are leasing

land to construct a turbine or perhaps simply to install a cable through their land. As part of my course, I studied highway and traffic design and design of concrete structures. I also studied project management and this has been invaluable in allowing me to start work as a graduate project manager. I chose NUI Galway due to the excellent reputation of the College of Engineering and Informatics."



**Paul Killoran, BE Electronic  
and Computer Engineering**

"While I was studying in NUI Galway, I met some amazing people who gave me the freedom to attack problems that I wanted to solve and then believed in me until I succeeded. Ultimately, this freedom and trust gave me the confidence to build a company that could solve much bigger problems. I'm now the founder and CEO of a tech start-up called Ex Ordo. When I was in college, I learned how to build web sites and then when I graduated, I decided to go out on my own and I started building web apps from my bedroom.

In April 2011, I pulled together a team of people and we started to build a web app that is now known as Ex Ordo. Ex Ordo is a web app that manages research conferences. We launched a beta version of the software in September 2011 and within a year, we were powering about 50 conferences in Europe, the US and Asia. By 2015, our technology will be powering 2,000 conferences worldwide."



**Riona Ní Ghriallais,**  
**BE Biomedical Engineering**

"I am in the final year of a PhD in Biomedical Engineering at NUI Galway. For my research, I investigate medical devices for the femoral artery, the major artery of the leg. I became interested in research after completing my final year project in the fourth year of my undergraduate Biomedical Engineering degree. Studying Biomedical Engineering at NUI Galway introduced me to the fascinating world of medical devices. The degree provided me with

the fundamental skills set required to begin a career as an engineer along with the opportunity to study a broad range of subjects. From this I found those that interested me the most, which led me towards choosing the topic of my research work."



## College of Medicine, Nursing and Health Sciences

"You will work hard. You will never stop learning. You will take pride in your work. You will touch the lives of many people. You will make a difference."

**Professor Timothy O'Brien**  
Dean of the College of Medicine,  
Nursing and Health Sciences







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

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

At NUI Galway we aim to prepare students to practice medicine anywhere in the world by equipping them with the clinical diagnostic and therapeutic skills necessary to do so. Your classmates will include the very best students from all over the globe, who choose 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 school orchestra. Double Olympian sprinter, Paul Hession, is in our current graduating class!

We offer a unique range of Special Study Modules (SSMs) 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.

## Work placement

Our team of highly qualified and experienced medical educators are very committed to nurturing individual students and helping them to fulfill their potential. We provide high quality instruction, using the latest technologies in our state-of-the-art campus facilities, and throughout the network of medical academies in Galway and the local region.

All students spend one full clinical year at one of our four associated medical academies - Mayo General Hospital Castlebar, Letterkenny General Hospital, Portlaoine Hospital Ballinasloe, and Sligo General Hospital.

## International links

There are ample opportunities to travel to other European countries on our Erasmus programme, and to complete clinical electives in developing countries.

## Career prospects

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

## Further study

Honours graduates can also pursue higher degrees in a wide range of related disciplines, for example:

- Doctor of Medicine, MD
- Master of Surgery, MCh
- PhD
- Postgraduate Diploma and Master of Medical Science (Health Informatics)
- Postgraduate Diploma and Master of Medical Science (Endovascular Surgery)
- Master of Science (Sport and Exercise Medicine)
- Postgraduate Diploma and Masters in Health Sciences (Primary Care)
- Postgraduate Diploma and Masters 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)
- M.Sc and Masters in Preventive Cardiology

| COURSE FACTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>CAO Code:</b> GY501</p> <p><b>Course Level:</b> 8</p> <p><b>Duration:</b> 5, 6 or 8 years (Refer below for requirements to enter all programmes)</p> <p><b>Minimum Entry Points 2014:</b> 721</p> <p><b>Minimum A-Level Grades:</b> A*A*A* &amp; c (AS)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>Minimum Points Requirement:</b></p> <p>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).</p> <p>And Aptitude Test Completion of the required Admissions Test (HPAT-Ireland) Minimum A-Level Grades: A*A*A* &amp; c (AS) or equivalent combination plus HPAT-Ireland Test results (minimum combined score for 2013 was 739).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p><b>Leaving Certificate Entry Requirements:</b></p> <p><b>GY501 Medicine (5 year)</b></p> <p>In addition to 6-year requirements, HC3 in Chemistry minimum. A merit order applies based on HC3, if any, attained in the following; Biology, Physics, Physics/Chemistry or Agricultural Science. Refer for detail</p> <p>(<a href="http://www.nuigalway.ie/courses/undergraduate-courses/surgery-obstetrics.html">www.nuigalway.ie/courses/undergraduate-courses/surgery-obstetrics.html</a>)</p> <p><b>GY501 Medicine (6 year):</b></p> <p>Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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.</p> <p><b>GY501 Medicine (8 year):</b></p> <p>Students entering the medical programme have the opportunity also to engage a PhD degree through a period of dedicated research, so that after successful completion of a period that is likely to involve eight years, both the medical degree and PhD are conferred. Students of the medical programme who are interested will undergo a selection process at the mid-point of their medical studies, which includes 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 (<a href="mailto:medschool@nuigalway.ie">medschool@nuigalway.ie</a>)</p> |
| <p><b>A-Level/GCSE Entry Requirements:</b> See page 150 for matriculation entry requirements.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>Additional requirements:</b> Students must satisfy the Garda/ Police vetting and medical clearance requirements.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p><b>Average Intake:</b> 120</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



Galway has been of huge importance in helping me achieve my goals – both on the track and in the classroom. I always wanted to study medicine and the university has provided me with a fantastic environment in which to do this. Being a recipient of a sports scholarship for athletics in first year was a real starting point on the road to my ultimate achievements, including two Olympic Games and numerous World Championships.

**Paul Hession – Medical Student**

KEY FACT

We put a big emphasis on early patient contact, and from first year, students have the opportunity to communicate with patients and learn about disease.

| COURSE OUTLINE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Foundation Year</b></p> <ul style="list-style-type: none"> <li>► Physics</li> <li>► Chemistry</li> <li>► Biology</li> <li>► Foundations of Medicine</li> </ul>                                                                                                                                                                                                                                                                                                                                            |
| <p><b>Year One</b></p> <ul style="list-style-type: none"> <li>► Anatomy</li> <li>► Biochemistry</li> <li>► Pharmacology</li> <li>► Physiology</li> <li>► Cardiovascular System</li> <li>► Gastro-intestinal System</li> <li>► Human Nutrition</li> <li>► Renal System</li> <li>► Respiratory System</li> <li>► Professionalism</li> </ul>                                                                                                                                                                       |
| <p><b>Year Two</b></p> <ul style="list-style-type: none"> <li>► Central Nervous System</li> <li>► Endocrinology</li> <li>► Genetics</li> <li>► Molecular Medicine</li> <li>► Reproduction and Development</li> <li>► Drugs and Disease</li> <li>► Health and Disease</li> <li>► Organ Failure</li> <li>► Professionalism</li> </ul>                                                                                                                                                                             |
| <p><b>Years Three – Five</b></p> <ul style="list-style-type: none"> <li>► Clinical Laboratory Sciences: <ul style="list-style-type: none"> <li>• Pathology</li> <li>• Microbiology</li> <li>• Public Health</li> </ul> </li> <li>► Clinical Disciplines: <ul style="list-style-type: none"> <li>• Medicine</li> <li>• Surgery</li> <li>• Paediatrics</li> <li>• Psychiatry</li> <li>• Obstetrics and Gynaecology</li> <li>• General Practice</li> <li>• Anaesthesia</li> <li>• Radiology</li> </ul> </li> </ul> |
| <p><b>Find out more:</b></p> <p>School of Medicine<br/>Clinical Science Institute</p>                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p>+353 91 544 475</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p><a href="mailto:medschool@nuigalway.ie">medschool@nuigalway.ie</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><a href="http://www.nuigalway.ie/medicine">www.nuigalway.ie/medicine</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                 |

# Bachelor of Science (Occupational Therapy)

## COURSE FACTS

**CAO Code:** GY502

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 515

### Minimum A-Level Grades:

A\*A\*A\* or a(AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

### Additional Requirements:

Students must satisfy the Garda/Police vetting and medical clearance requirements.

**Average Intake:** 25



### KEY FACT

Students complete 1,000 hours of practice education and can avail of the opportunity to go on an international placement.

### Find out more:

Occupational Therapy  
School of Health Sciences

**t** +353 91 492 957

**e** healththerapies@nuigalway.ie

**w** [www.nuigalway.ie/occupational\\_therapy/](http://www.nuigalway.ie/occupational_therapy/)

Occupational therapists work with children and adults with acquired conditions such as stroke or spinal cord injury, with mental health issues or with congenital illness 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. Any illness, trauma or disruption can result in difficulties in these areas due to problems with moving, thinking or carrying out the tasks. Occupational therapists design and deliver intervention programmes to address these difficulties.

### Work placement

Students are required to successfully complete 1,000 hours of Practice Education successfully under the supervision of a qualified occupational therapist. Practice Education is a placement which involves the student learning under the supervision of an occupational therapist in the practice setting. Practice

Education takes place at the end of Semester 2 in first year (one week), Semester 2 of second year (2 x 8 weeks) and Semester 1 of fourth year (2 x 8 weeks). Students may be required to undertake practice education anywhere in Ireland and can also avail of the opportunity to go on an international placement.

### Career prospects

Graduates of the degree course will have an internationally recognised professional qualification and may work in a variety of settings such as:

- Hospitals
- Voluntary organisations
- Mental health services
- Child and adolescent services
- Physical and sensory services
- Community rehabilitation
- Disability services

## COURSE OUTLINE

### Year One

- ▶ Principles for Practice/ Fundamentals I
- ▶ Psychology
- ▶ Human Body Structure
- ▶ Human Body Function
- ▶ Mental Health 1
- ▶ Mental Health 2
- ▶ Enabling Occupation - Physical Disability
- ▶ Group Work and Professional Skills

### Year Two

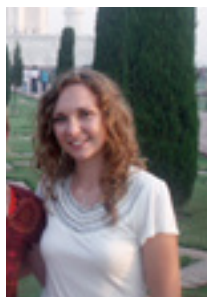
- ▶ Fundamentals of Occupational Therapy II
- ▶ Neuroanatomy
- ▶ Neurophysiology
- ▶ Health Psychology
- ▶ Enabling Occupation – Paediatrics
- ▶ Enabling Occupation – Intellectual Disability
- ▶ Practice Education (work placement) I & II
- ▶ Case Study I & II

### Year Three

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

### Year Four

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



As part of my fourth year in the Occupational Therapy programme, I had the opportunity to complete a block placement in India. I worked alongside a team of healthcare professionals committed to promoting the rehabilitation and recovery of clients with brain injury and spinal cord injury.

**Edel Siney – BSc (Occupational Therapy)**



# Bachelor of Science (Speech & Language Therapy)

Speech and language therapists enable people with communication disorders and swallowing disorders to achieve their maximum potential. They are involved in assessing their clients' communication and swallowing difficulties, and developing treatment programmes to meet their needs. They work closely with other members of the team, such as nurses, doctors, occupational therapists, physiotherapists, teachers, etc. They work in a variety of settings, including hospitals, primary care health centres and schools.

Speech and language therapy is an exciting and dynamic healthcare profession, focused on the assessment, diagnosis and management of communication and swallowing disorders.

## Work placement

There are Practice Education modules in each year of the programme. Throughout the course, there is a combination of one-day weekly placements in the on-site 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. The Irish Association of Speech and Language Therapists (IASLT) requires that speech and language therapists in training undertake a minimum of 450 hours clinical education, 300 of which must be with a qualified speech and language therapist and 150 of which can be clinically related. Students may be asked to undertake placements anywhere in Ireland.

## Career prospects

Graduates of the degree course will have a internationally recognised professional qualification and may work in a variety of settings such as:

- Community clinics/health centres
- Day centres
- Rehabilitation centres
- Individuals' homes
- Child development centres
- Hospitals
- Mainstream and special schools
- Language classes

## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ Psychology II
- ▶ Neuroanatomy
- ▶ Neurophysiology
- ▶ Practice Education II
- ▶ Professional Studies II
- ▶ Research Methodology II
- ▶ Linguistics II
- ▶ Communication Impairments & Dysphagia II

### Year Three

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

### Year Four

- ▶ Practice Education IV
- ▶ Professional Studies IV
- ▶ Research Methodology IV



As an SLT, you can work in many different settings, such as hospitals, clinics, in the community and rehabilitation centres, with opportunities provided to work with a wide variety of clients. Also, because of the on-site Speech and Language Therapy Clinic, and other clinical placements, there are plenty of opportunities to develop your clinical skills over the four years.

**Aimee O'Connor – BSc (Speech and Language Therapy)**

## COURSE FACTS

**CAO Code:** GY503

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 510

**Minimum A-Level Grades:**  
A\*A\*A\* & a(AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

### Additional Requirements:

Students must satisfy the Garda/Police vetting and medical clearance requirements.

**Average Intake:** 25



## KEY FACT

Students undertake part of their placement in the HSE on-site clinic which is open to the public.

## Find out more:

Speech and Language Therapy School of Health Sciences

+353 91 492 957

healththerapies@nuigalway.ie

www.nuigalway.ie/speech\_language\_therapy/

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# Bachelor of Science (Podiatry)

**UNIQUE**
**THIS IS THE ONLY UNDERGRADUATE PROGRAMME OF ITS KIND IN IRELAND**

## COURSE FACTS

**CAO Code:** GY504

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 465

**Minimum A-Level Grades:**

AAA &amp; a (AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

### Additional Requirements:

Students must satisfy the Garda/Police vetting and medical clearance requirements.

**Average Intake:** 25


## KEY FACT

If you would like to know if a career as a Podiatrist is for you, why not take part in our shadowing programme in Merlin Park Podiatry Clinic in Galway.

### Find out more:

Podiatry,  
School of Health Sciences

**t** +353 91 495 814

**e** podiatry@nuigalway.ie

**w** www.nuigalway.ie/podiatry/

Podiatry is a healthcare profession that specialises in the management of diseases and disorders of the lower limb and foot. The foot is a highly complex structure, which can develop problems affecting a patient's overall health and quality of life. Podiatry can significantly improve people's quality of life by promoting and maintaining mobility.

Podiatry as a career can be extremely rewarding and fulfilling, giving immense job satisfaction. Podiatrists are educated in diagnosis and in planning and implementing interventions for all age groups. As a podiatrist, you will work as an independent, autonomous practitioner, demonstrating expertise in assessing, diagnosing and managing lower limb and foot related problems. Specific areas of specialism within podiatry include biomechanics and sports injuries, diabetes, vascular, rheumatology and minor surgery. You will work alongside other health professionals, such as doctors, nurses, physiotherapists and orthotists.

## Work placement

Clinical Practice, a process of work-based learning which involves a partnership between the Clinical Educator and the student in the practice setting, is an integral part of the programme. All students are

required to complete 1,000 hours of clinical practice successfully under the supervision of qualified podiatrists. Clinical practice will be integrated into each year of the programme and primarily takes place in Merlin Park Podiatry Clinic, based at Merlin Park Hospital, Galway. This facility provides an out-patient podiatry service to patients with a variety of medical and surgical conditions, children, people with sports injuries and patients requiring soft tissue surgery. 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. The programme is the only such professionally accredited qualification in the Republic of Ireland.

## Career prospects

Graduates of the degree course will have a professional qualification and may work in a variety of settings such as:

- Hospitals
- Sports centres
- GP practices
- Nursing homes
- Private practice
- Education and research
- Community rehabilitation services
- Opportunities for further postgraduate studies

## COURSE OUTLINE

### Year One

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

### Year Two

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

### Year Three

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

### Year Four

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



I chose to study podiatry as I wanted to work in healthcare. I really enjoyed the practical element as it gives you patient contact from first year and you develop the skills required to practice as a podiatrist upon completion of the four year degree.

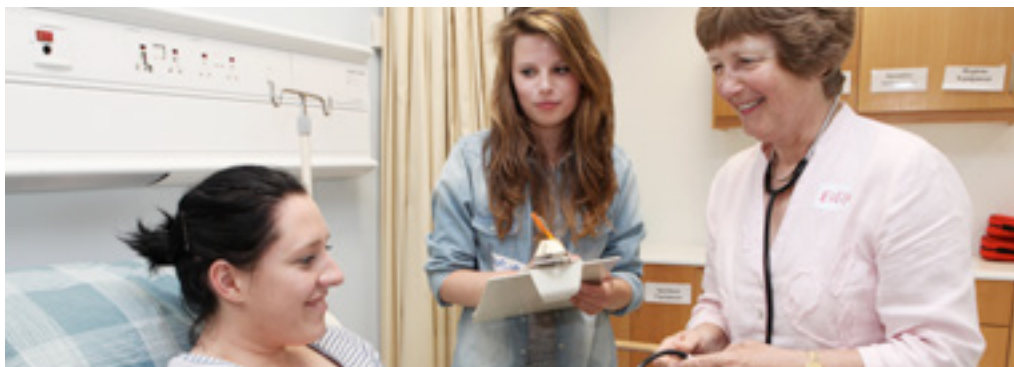
**Veronica Smith – BSc (Podiatry)**

# Bachelor of Nursing Science (General)

The Bachelor of Nursing Science (General) course is a four-year degree programme that will qualify you as a nurse.

Successful students are awarded the Bachelor of Nursing Science (General) degree and are eligible to apply for registration with an Bord Altranais agus Cnáimhseachais na hÉireann, the nursing and midwifery professions' regulatory body. The programme is offered in partnership with the Health Service Executive (HSE) West /Northwest Hospitals Group.

The first three years run within the academic year and include a combination of theory modules and clinical practice modules. Practice modules will require students to be in clinical practice for 35 hours per week. Year four comprises clinical/theory instruction in semester one and a 36-week internship of clinical practice, which runs from January to September. During this period, the student will be an employee of the HSE West/Northwest Hospitals Group and paid a salary. The theoretical component comprises lectures, seminars, workshops, experiential learning, skills training and reading time.



## COURSE OUTLINE

### Year One – Three

- ▶ Biological Sciences
- ▶ Social Sciences
- ▶ Nursing Theory
- ▶ Nursing Practice
- ▶ Health Promotion
- ▶ Research

### Year Four

#### Semester 1

- ▶ Research
- ▶ Leading & Developing Practice
- ▶ Clinical/Theory instruction

#### Semester 2

- ▶ Clinical internship which runs over 36 weeks



I enjoy the way due emphasis is given to theory and clinical experience components. I've had the chance to learn many things, not just about nursing but also from biological sciences and social sciences. I have also gained clinical experience in medical and surgical nursing, midwifery, and psychiatric and public health nursing.

**Suelyn Sibanda – BSc (Nursing)**

## Work placement

Students are required to complete their clinical practice placements within the HSE West/Northwest Hospitals Group. While on clinical placements, students will be supervised by a nurse who has been specially prepared to guide and direct student learning. Students are also supported by the clinical placement co-ordinator, who ensures that learning outcomes are identified and achieved.

## Career prospects

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.

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColMed](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColMed)

## COURSE FACTS

**CAO Code:** GY515

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 450

**Minimum A-Level Grades:**

AAB & b (AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 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:** 60

## KEY FACT

In third year, students have the opportunity to go on an international placement in Barcelona or Africa.

## Find out more:

School of Nursing and Midwifery

+353 91 493 432

[nursing.midwifery@nuigalway.ie](mailto:nursing.midwifery@nuigalway.ie)

[www.nuigalway.ie/nursing.midwifery](http://www.nuigalway.ie/nursing.midwifery)

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# Bachelor of Nursing Science (Psychiatric)

## COURSE FACTS

**CAO Code:** GY516

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 410

**Minimum A-Level Grades:**

BBB & c (AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 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:** 15

This four-year programme, offered in partnership with the HSE West/Northwest Hospitals Group (Galway Roscommon Mental Health Services), leads to the award of Bachelor of Nursing Science (Psychiatric) and eligibility for registration in the Psychiatric Division of the Nurses' Register, maintained by Bord Altranais agus Cnáimhseachais na hÉireann, the nursing and midwifery professions' regulatory body.

Psychiatric Nursing aims to assist in the recovery of people experiencing mental health issues and to promote mental health and wellbeing. At the heart of psychiatric nursing is the development of therapeutic relationships, engaging with patients and their families.

## Work placement

Students undertake a 36-week clinical internship in semester two of year four. Clinical practice modules require students to complete clinical placements within the HSE West/Northwest Hospitals Group (Galway Roscommon mental health services). While on clinical placements, students will be supervised by an appropriately trained nurse. In accordance with An Bord Altranais agus Cnáimhseachais na hÉireann

regulations, the total requirements of the programme are 144 weeks clinical placement. During the clinical internship period, which is in the last semester of the fourth year running from January to September, students are paid a salary.

## What career opportunities are there for this profession?

Graduates of the Psychiatric Nursing degree programme 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
- Substance misuse treatment services
- Primary mental health care

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColMed](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColMed)

## COURSE OUTLINE

### Year One – Three

- ▶ Biological Sciences
- ▶ Social Sciences
- ▶ Nursing Skills
- ▶ Nursing Practice
- ▶ Mental Health Promotion
- ▶ Research

### Year Four

#### Semester One

- ▶ Research
- ▶ Leading & Developing Practice
- ▶ Clinical/Theory instruction

#### Semester Two

- ▶ Clinical internship which runs over 36 weeks

## KEY FACT

During their clinical internship, which is in the last semester of fourth year, students are paid a salary.

### Find out more:

School of Nursing and Midwifery  
Áras Moyola, NUI Galway

**t** +353 91 493 432

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

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



I was always interested in caring for people and I had a particular interest in mental health, so deciding to be a psychiatric nurse was an easy decision. I chose to study Psychiatric Nursing at NUI Galway because of the state-of-the-art new nursing building and nursing library on campus.

**Evelyn Mullers – BSc (Psychiatric)**

# Bachelor of Midwifery Science

The Bachelor of Midwifery Science course is a four year degree programme provided in partnership with the HSE West/North West Hospital Group. The programme consists of theoretical and clinical modules. The theoretical content aims to provide students with the knowledge necessary to underpin their professional practice.

It comprises lectures, seminars, workshops, experiential learning, skills training and reading time. Clinical modules are undertaken in the practice setting. Following completion of the programme, students are eligible to apply for registration as a midwife with an Bord Altranais agus Cnáimhseachais na hÉireann (the Nursing and Midwifery Board of Ireland (NMBI)).

The first three years are run within the academic year and include a combination of theory and clinical practice modules. Clinical practice modules require students to be in clinical practice for 35 hours per week. Year four comprises clinical/ theory instruction in semester one, and a 36-week internship clinical practice, which runs from January to September. During this period, the student will be an employee of the HSE West and will be paid a salary.

## Work placement

Clinical placements are undertaken in the HSE West/ Northwest Hospitals Group in Galway University Hospital, Mayo General Hospital, Castlebar, and Portiuncula Hospital, Ballinasloe. Placements also take place in community and mental healthcare settings in the HSE West/Northwest Hospitals Group area. 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. Students who are required to travel to distant placements may apply to the HSE West/Northwest Hospitals Group for support in meeting travel and accommodation costs.

## Career prospects

There are many career opportunities for midwives in both hospital and community settings in Ireland and abroad.

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColMed](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColMed)

## COURSE OUTLINE

### Year One – Three

- Clinical and Theory Instruction
- *Theory*
  - Biological Sciences
  - Social Sciences
  - Midwifery Skills
  - Midwifery Studies
  - Health Promotion
  - Research

### Year Four

#### Semester 1

- Clinical and Theory Instruction
- *Theory*
  - Research
  - Leading and Developing Practice

#### Semester 2

- Internship Clinical Practice, which runs over 36 weeks



Studying Midwifery at NUI Galway has a great balance between lectures and clinical placement. Áras Moyola, the Nursing and Midwifery building, is modern and bright, with clinical skills labs that facilitate learning of theory and practice. The Midwifery lecturers are friendly, encouraging and always willing to help.

**Elaine Finucane – Bachelor of Midwifery Science**

## COURSE FACTS

**CAO Code:** GY517

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 455

**Minimum A-Level Grades:**

AAA & c(AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 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:** 20

## KEY FACT

Students get a broad range of clinical experience in three different clinical placement sites (Galway, Ballinasloe and Castlebar).

## Find out more:

School of Nursing and Midwifery

+353 91 493 432

[nursing.midwifery@nuigalway.ie](mailto:nursing.midwifery@nuigalway.ie)

[www.nuigalway.ie/nursing.midwifery](http://www.nuigalway.ie/nursing.midwifery)

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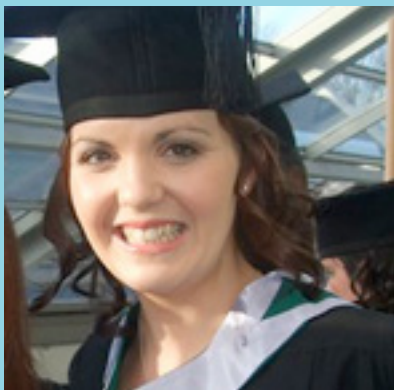
# Graduate Insights



**Jenna O'Neill, Bachelor of Science, Speech and Language Therapy**

"Speech and Language therapy is a very rewarding and exciting career. Studying at NUI Galway was really great. The course offers a broad range of subjects, practical work and placements. The staff and facilities are fantastic, especially the on-site clinic. Since graduating, I've completed a Masters in Voice Pathology at University College London and taught on the SLT course, and I'm currently working as part of a multidisciplinary team with children with autism and intellectual

disabilities. I work closely with all team members to ensure delivery of the best possible intervention for the children on our caseload. The best part of my job is the satisfaction that comes with seeing the children make progress and achieve their goals. I also love how every day is different and I get to make a positive impact on people's lives every day."



**Eimear Butler, Bachelor of Nursing Science (General)**

"Obtaining my Bachelor of Nursing Science Degree at NUI Galway was a truly positive experience. I would highly recommend nursing in Galway to anyone considering this career. The School of Nursing and Midwifery is located in a purpose-built building with great learning facilities, and in a brilliant location just next door to University Hospital Galway, where the majority of my clinical placements were based. The staff in the School of Nursing and Midwifery offered great support and endless encouragement, which aided and promoted both my academic

and professional development. I really enjoyed my time at NUI Galway and completing this degree programme has proved invaluable to me and has provided me with endless opportunities. I have travelled and worked in other parts of the world where my qualifications are fully recognised and highly regarded. I have since specialised and I am currently working as an oncology nurse in a specialised oncology unit having also completed a Postgraduate Diploma in Nursing (Oncology) at NUI Galway."



**Dr Gerard Flaherty, Bachelor of Medicine, Bachelor of Surgery, and Bachelor of Obstetrics (MB, BCh, BAO)**

"I am employed as lecturer in Medical Education and Clinical Skills at NUI Galway. I also have clinical duties in travel medicine and preventative cardiology. Studying medicine at NUI Galway gave me the confidence needed to fulfil my own potential, to have respect for others, to work in a team environment, to care for patients, to innovate, to recognise my limitations, and to strive for excellence. NUI Galway is famed for the quality of its medical

graduates, many of whom have gone on to work, study and teach in the finest medical institutions worldwide. I am very proud to serve NUI Galway, its students and the wider community. This is a wonderful privilege and a responsibility I take very seriously."



## College of Science

“A degree in Science equips you with the ability to think independently and critically, to solve problems and to adapt to situations.”

**Professor Dónal Leech**  
Dean of the College of Science

# Bachelor of Science

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

As a Science graduate with critical thinking skills, your training will always stand to you, both in your professional career and in the personal interests you develop over your life. Research and development in industry and public sector bodies will continue to be a critical part of the development of knowledge economies. No matter what subject you decide to specialise in, there will be an R&D aspect to it in industry, academia or public sector bodies. In Ireland, industry leaders have repeatedly pointed to the need for more Science graduates to retain and build on the economy's competitiveness. In addition, with climate change and on-going food and energy resource challenges to sustainable development, the requirement for scientific solutions to the problems mankind faces is as great as ever.

## International links

Students have the opportunity to apply to spend one semester of third year in the United States (e.g. University of California/John Carroll University, Ohio) or in Asia (e.g. Hong Kong University of Science and Technology).

## Career Prospects

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

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

Our science graduates are seen by industry as diligent, intelligent, hard-working 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 prospects are listed under each subject area below.

## Further Study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)



| COURSE OUTLINE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Year One</b><br/>Students must take four modules in first year. The modules are arranged in groups, and students must choose one group from the following:</p> <ul style="list-style-type: none"><li>▶ <b>Group A:</b> Mathematics, Applied Mathematics, Chemistry and Physics.</li><li>▶ <b>Group B:</b> Mathematics, Applied Mathematics, Physics and Computer Science.</li><li>▶ <b>Group C:</b> Biology, Chemistry, Physics and Mathematics or Applied Mathematics.</li><li>▶ <b>Group D:</b> Biology, Chemistry, Introduction to Earth and Ocean Sciences and Mathematics or Applied Mathematics.</li><li>▶ <b>Group E:</b> Chemistry, Computer Science, Physics and Mathematics or Applied Mathematics.</li><li>▶ <b>Group F:</b> Introduction to Earth and Ocean Sciences, Physics, Computer Science and Mathematics or Applied Mathematics.</li></ul> | <p><b>Year Three</b><br/>Most students continue with two pathways.</p> <p>Pathways</p> <ul style="list-style-type: none"><li>▶ Anatomy</li><li>▶ Applied Mathematics (Honours)</li><li>▶ Biochemistry</li><li>▶ Botany and Plant Science</li><li>▶ Chemistry</li><li>▶ Computer Science</li><li>▶ Earth and Ocean Sciences</li><li>▶ Mathematics (Honours)</li><li>▶ Mathematical Studies and Computer Science</li><li>▶ Microbiology</li><li>▶ Pharmacology</li><li>▶ Physics and Applied Physics</li><li>▶ Physiology</li><li>▶ Zoology</li></ul> <p><b>Electives:</b> A variety of electives are offered</p> |
| <p><b>Year Two</b><br/>All students take three pathways or two pathways plus electives.</p> <p><b>Pathways</b></p> <ul style="list-style-type: none"><li>▶ Anatomy</li><li>▶ Applied Mathematics</li><li>▶ Biochemistry</li><li>▶ Botany and Plant Science</li><li>▶ Chemistry</li><li>▶ Computer Science</li><li>▶ Earth and Ocean Sciences</li><li>▶ Mathematics</li><li>▶ Mathematical Studies</li><li>▶ Microbiology</li><li>▶ Pharmacology</li><li>▶ Physics and Applied Physics</li><li>▶ Physiology</li><li>▶ Zoology</li></ul> <p><b>Electives:</b> A variety of electives are offered</p>                                                                                                                                                                                                                                                                  | <p><b>Year Four</b><br/>Students choose their honours degree:</p> <ul style="list-style-type: none"><li>▶ Anatomy</li><li>▶ Applied Mathematics</li><li>▶ Biochemistry</li><li>▶ Botany and Plant Science</li><li>▶ Chemistry</li><li>▶ Computer Science</li><li>▶ Earth and Ocean Sciences</li><li>▶ Mathematics</li><li>▶ Mathematics and Applied Mathematics</li><li>▶ Mathematics and Computer Science</li><li>▶ Mathematical Studies and Computer Science</li><li>▶ Microbiology</li><li>▶ Pharmacology</li><li>▶ Physics and Applied Physics</li><li>▶ Physiology</li><li>▶ Zoology</li></ul>             |

| COURSE FACTS                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CAO Code:</b> GY301                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Course Level:</b> 8                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Duration:</b> 4 years                                                                                                                                                                                                                                                                                                                                                                |
| <b>Minimum Entry Points 2014:</b> 400                                                                                                                                                                                                                                                                                                                                                   |
| <b>Minimum A-Level Grades:</b><br>AAA or equivalent combination                                                                                                                                                                                                                                                                                                                         |
| <b>Leaving Certificate Entry Requirements:</b> Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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. |
| <b>A-Level/GCSE Entry Requirements:</b> See page 150 for matriculation entry requirements.                                                                                                                                                                                                                                                                                              |
| <b>Average Intake:</b> 300                                                                                                                                                                                                                                                                                                                                                              |



**KEY FACT**

This programme allows students the flexibility to develop their interests and specialise step-by-step throughout the degree.



I decided to do undenominated science as it allowed me to explore all the different areas of science and then choose which area I wanted to specialise in. After first year I focused on health sciences and studied biochemistry, physiology and anatomy. I eventually narrowed my subject choice down to just physiology in fourth year.

**Angela McDonagh – Bachelor of Science**

|                                             |   |
|---------------------------------------------|---|
| <b>Find out more:</b><br>College of Science |   |
| +353 91 492 182                             | t |
| science@nuigalway.ie                        | e |
| www.nuigalway.ie/science                    | w |





# Pathway Descriptions & Career Opportunities Bachelor of Science Degree

## ANATOMY

### Why should I study Anatomy?

If you are interested in the mechanics of living beings, you will find Anatomy a fascinating subject. Anatomy deals with the structure of living organisms and how this is adapted to how they function. The course covers traditional gross anatomy, cell biology, histology, neuroanatomy, embryology and anthropology, as well as modern anatomical research techniques, such as scanning, transmission electron microscopy and confocal microscopy, neuroimaging and molecular imaging.

### What careers does a degree in Anatomy lead to?

A degree in Anatomy provides a basis for careers based on the biomedical sciences, along with positions in education, research laboratories and the healthcare industries.

## APPLIED MATHEMATICS

### Why should I study Applied Mathematics?

Applied Mathematics uses mathematical tools and models to address real-world problems. They help to explain and describe what we know and, possibly, to predict what we don't know about a given set of objects and/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, numerical analysis, all geared towards inter-disciplinary applications.

### What careers does a degree in Applied Mathematics lead to?

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 should I study Biochemistry?

As the science of the molecular basis of life, Biochemistry involves the study of the rich variety of molecules found in all types of living cells and organisms, and observing how they operate and interact. The exciting revolution underway, with the sequencing of the human and other genomes and the development of nano-scale technologies, is allowing biochemists to study life in ever more detail, advancing our understanding of the molecular choreography underlying growth and providing new openings for applying this knowledge in the diagnosis and treatment of many diseases.

### What kind of careers does a biochemist have?

Graduates in Biochemistry find jobs in the biotechnology and pharmaceutical industries, biomedical and forensics laboratories, the agribusiness sector, the nutrition and food industry and scientific policy making. Many graduates also go on to further research for Master's and PhD degrees, or to obtain other postgraduate qualifications.

## BOTANY AND PLANT SCIENCE

### Why should I study Botany and Plant Science?

The advancement of the science of plant biology is critically important for meeting the resource needs of the growing human population and for future sustainable development on our planet. Plants play a fundamental role in maintaining the planet's oxygen supply but are also the source of the food, feed, fuel (energy), textiles, biochemicals, medicines and structural materials that our existence relies upon. Botany and Plant Science covers all areas of study involving plants and other photosynthetic organisms. Plants are studied at many levels, including ecosystems, communities, species, individuals, tissues, cells and molecules (e.g. genetics, molecular biology and biochemistry).

### What careers does a degree in Botany and Plant Science offer?

A Botany and Plant Science degree positions students to avail of emerging 'green economy' opportunities across a range of industries and sectors, including those involved in biotechnology, genetics, biochemistry, ecology, environmental monitoring, conservation, biodiversity, bioenergy, and agriculture, as well as in education, sustainable development, regulatory affairs and government policy sectors.

## CHEMISTRY



### Why should I study Chemistry?

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 in 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 the 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.

### What careers will a degree in Chemistry lead to?

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.

## COMPUTER SCIENCE

### Why should I study Computer Science?

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.

### What careers does a degree in Computer Science provide?

Many graduates work directly in the 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 and the public sector.

## EARTH AND OCEAN SCIENCES

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 involved: Geology, Geophysics, Hydrogeology and Oceanography.

### What is Geology?

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.

### What careers are available for Geology graduates?

Graduates in Geology will typically find employment in the petroleum and mineral exploration industries, national geological surveys, environmental organisations, consulting companies, remote-sensing firms and third-level teaching and research.

### What is Geophysics?

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, e.g. oil, gas and mineral resources.

### What careers are available for Geophysics graduates?

Geophysics graduates are in demand across the environmental and marine sectors, including the hydrocarbon and mineral exploration industries.

### What is Hydrogeology?

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.

## EARTH AND OCEAN SCIENCES *continued*

### What careers are available for Hydrogeology graduates?

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.

### What is Oceanography?

Oceanography is the study of the oceans, which cover more than two-thirds of the Earth's surface. New technologies provide unprecedented access to the oceans, from satellites giving global coverage of sea surfaces to networks of monitoring equipment on the seabed. Scientific exploration of the oceans underpins advances in fisheries and aquaculture techniques, biodiscovery, maritime transport, and in harnessing fossil and renewable energy resources. Oceanography is key to understanding the global climate system, and oceanographers are needed to monitor, model and mitigate marine pollution, to plan for sea-level rise, and to assess the risks posed by natural and man-made hazards in coastal areas.

### What careers are available in Oceanography?

Oceanographers are needed to help survey our vast underwater territories, to help with the sustainable exploitation of our marine resources, to model our climate and to educate managers, policy makers and the public about the importance of the oceans in our lives.

## MATHEMATICS



### Why should I study Mathematics?

Mathematics is the language for 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.

### What careers are available for Mathematics graduates?

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, IT and computing, and teaching and research.

## MICROBIOLOGY

### Why should I study Microbiology?

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 insight 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.

### What careers are available for microbiologists?

The food, pharmaceutical 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.



## PHARMACOLOGY

### Why should I study Pharmacology?

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.

### What careers are available in Pharmacology?

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 and marketing.

## PHYSICS

### Why should I study Physics?

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.

### What careers are available for Physics graduates?

A degree in Physics is an excellent training for employment in high technology industries (e.g. communications, electronics, optics and photonics, semiconductors and medical devices) and also 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

### What is Physiology?

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.

### What careers do graduates in Physiology have?

Graduates in Physiology normally find employment in the academic and teaching professions and in the pharmaceutical and biotechnological industries.

## ZOOLOGY

### What is Zoology?

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 upon the development of animals, from fertilised egg to their typical adult form, the interactions of animals with each other and with their environment, and Darwinian evolution.

### What careers do Zoology graduates have?

Zoology graduates can pursue careers in research (academic and industry), teaching (at any level) or consultancy. Zoologists may also be employed by governmental bodies such as the Marine Institute, Bord Iascaigh Mhara, National Parks and Wildlife Service or the Environmental Protection Agency; or working in the fields of scientific journalism, forensic science, aquaculture, animal conservation or medical zoology.

# Bachelor of Science (Biomedical Science)

**BioMed**
**NUI GALWAY IS IRELAND'S LEADING UNIVERSITY FOR BIOMEDICAL TEACHING AND RESEARCH**

## COURSE FACTS

**CAO Code:** GY303

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 540

**Minimum A-Level Grades:**  
AAAA or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 45

Biomedical Science is the study of Life Science subjects related to human health and disease. Students will 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. You will major in one of the following biomedical science subjects: Anatomy, Biochemistry, Pharmacology or Physiology.

This degree is dedicated to producing top quality graduates who have achieved academic excellence. The programme promotes small-group learning throughout the course. This 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.

This course also offers the unique opportunity to undertake a research project in both third and fourth year.

## International Links

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 prospects

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

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)



### KEY FACT

9 of the world's top 10 Medtech companies are located in Galway which means that graduates have excellent employment prospects.

### Find out more:

Dr Derek Morris  
Programme Director,  
College of Science

**t** +353 91 494 439

**e** derek.morris@nuigalway.ie

**w** [www.nuigalway.ie/courses/undergraduate-courses/biomedical-science.html](http://www.nuigalway.ie/courses/undergraduate-courses/biomedical-science.html)

## COURSE OUTLINE

### Year One

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

### Year Two

- ▶ **Three** subjects from:  
Anatomy, Biochemistry, Pharmacology or Physiology (two subjects for both Semesters and one other for Semester I only).
- ▶ Biomedical Science (including Seminars and Community Knowledge Initiative projects)

### Year Three

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

### Year Four

- ▶ **One** major subject from:  
Anatomy, Biochemistry, Pharmacology or Physiology (including Major Research Project)
- ▶ Applications of Biomedical Science
- ▶ One other module from any of the four Biomedical Science Disciplines



This course is great because it's a small close-knit class – it's easy to make friends. I learned that Biomedical Science is varied, fascinating and constantly changing with new discoveries, and it is a great degree for me to now pursue a career in the sciences of health and disease.

**Caoimhe Maguire – (Biomedical Science)**

# Bachelor of Science (Biotechnology)

Biotechnology is about using our knowledge of biology to solve real world problems. It is about using molecules, cells and organisms to provide medicines and foods, or for tasks such as forensics or detecting harmful substances.

Biotechnology has a long history in food and agriculture, using yeast to make beer and selective breeding of better crops. Technologies such as genetic engineering and genomics allow today's biotechnologists to harness our rapidly growing knowledge of biology to innovate in areas such as biopharmaceuticals, the food industry and the environment.

The Biotechnology programme focuses on giving students skills and knowledge for the many opportunities of biotechnology. Alongside a solid foundation of modern biology, there is close mentoring and tailored training in languages, business and communication skills. Languages done by all students provide

a unique and distinctive feature. Students complete individual projects at NUI Galway's highly active research laboratories, and have placement opportunities.

## Work placement

A unique highlight of the course is the opportunity to undertake a three-month laboratory placement as part of third year – generally in continental Europe – where students work on relevant projects under the direction of experienced researchers.

## Career prospects

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

## COURSE OUTLINE

### Year One

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

### Year Two

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

### Year Three

- ▶ Biotechnology skills module
- ▶ Biochemistry
  - Cell biology

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

### Year Four

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



Class sizes in Biotech are small which means we get to know each other quickly and interact with our lecturers. The subject variety gives us broad experience, and the language module helps us stand out from other science graduates.

**Louise Ward - BSc (Biotechnology)**

## COURSE FACTS

**CAO Code:** GY304

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 465

**Minimum A-Level Grades:**  
AAA & b (AS) or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 28



## KEY FACT

The third year placement option enables students to spend 3 months working in a research lab. Most placement locations are in continental Europe.

### Find out more:

Dr. Andrew Flaus  
Biotechnology  
College of Science

+353 91 493 778

biotechnology@nuigalway.ie

www.nuigalway.ie/  
biotechnology

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# Bachelor of Science (Environmental Science)

## COURSE FACTS

**CAO Code:** GY308

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 405

**Minimum A-Level Grades:**  
AAA or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 23



### KEY FACT

NUI Galway is the only university in Ireland to have such close access to some of the most pristine ecosystems in Europe such as Lough Corrib, The Burren and The River Shannon.

### Find out more:

Dr Mike Gormally  
Programme Director, Centre  
for Environmental Science

**t** +353 91 493 334

**e** mike.gormally@nuigalway.ie

**w** www.nuigalway.ie/applied\_  
ecology\_unit/

Environmental Science is an interdisciplinary study which examines the interaction between humans and the environment, especially the environmental effects of modern technological advances.

Given our ever increasing impact on the planet, the necessity to understand our environment has never been more urgent and the need for environmental scientists to deal with increasingly complex issues is growing. We only have one planet in which to live and many of the strategies we devise to protect this planet for future generations will come from Environmental Scientists.

The Environmental Science course at NUI Galway 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 21st century.

## Career prospects

Our graduates work in a wide range of jobs in research, environmental consultancy, agri-environmental and planning agencies, recycling, waste management, water quality, toxicology, environmental health, town or transport planning, teaching, lecturing, environmental enforcement and compliance. Employers include Environmental Protection Agency, Geological Survey of Ireland, National Parks & Wildlife Service, Teagasc, An Taisce, Waterways Ireland, the Forestry Service, National Biodiversity Records Centre, Fisheries Boards, Marine Institute, Local Authorities and private Consultancy / Engineering companies in addition to private Laboratories.

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)

## COURSE OUTLINE

### Year One

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

### Year Two

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

- ▶ Interdisciplinary Module
  - Evolution and the Tree of Life

### Year Three

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

### Year Four

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



The course challenged me to gain a thorough understanding of numerous subjects ranging from ecology and microbiology through to legislation and environmental management. Each facet of the programme has provided me with the expertise and confidence to work in the research and consultancy sectors.

**John Carey – BSc (Environmental Science)**

# Bachelor of Science (Financial Mathematics and Economics)

The Financial Mathematics and Economics degree equips you with expertise in a range of quantitative subjects. It has a particular focus on financial economics, actuarial mathematics, numerical analysis and statistics.

It is broader than either a purely actuarial science or finance degree, so it may suit if you are not yet ready to specialise. The degree should appeal to students who enjoy mathematics at school, but would like to apply maths to current issues in economics or financial services. It's also attractive to you are interested in applying maths and stats to the uncertain world around us. The numbers enrolled are small (typically 20-30 per year), which promotes a good class dynamic and allows students to get to know their lecturers. Among the lecturers on the programme are Professor John McHale who chairs the IFAC, the independent body that advises the Irish government on its budgets and Professor Alan Ahearne (who is an adviser to the IMF and on the board of the Central Bank of Ireland).

The course is administered jointly by the College of Science and the College of Business, Public Policy and Law. The entry requirements of either college may be applied, according to whichever is more advantageous to the applicant.

## International Links

Students have the opportunity to apply to spend one semester of third year in Asia (e.g. Hong Kong University of Science and Technology). In addition, students from this programme have been chosen in recent years participate as interns in New York under the Ireland-U.S. Council scholarship programme.

## Career prospects

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

## Further study

Graduates can pursue postgraduate programmes in a range of disciplines, including mathematics, statistics, financial economics, financial mathematics, actuarial science, economics and statistics.

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)  
[www.nuigalway.ie/courses/taught-postgraduate-courses/international-finance.html](http://www.nuigalway.ie/courses/taught-postgraduate-courses/international-finance.html)



COURSE FACTS

**CAO Code:** GY309

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 450

**Minimum A-Level Grades:**  
AAB & b (AS) or equivalent combination, Grade C in A-Level Mathematics

**Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 HC3 in Mathematics is required.

**A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 30

KEY FACT

The Institute and Faculty of Actuaries has recognised this programme for the purposes of obtaining exemptions in these professional actuarial subjects: CT1 Financial Mathematics, CT3 Probability and Mathematical Statistics and CT7 Business Economics.

**Find out more:**  
Dr Cian Twomey  
Programme Director,  
College of Science

**t** +353 91 493 121

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**w** [www.nuigalway.ie/courses/undergraduate-courses/financial-mathematics-and-economics.html](http://www.nuigalway.ie/courses/undergraduate-courses/financial-mathematics-and-economics.html)

COURSE OUTLINE

|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Year One</b></p> <ul style="list-style-type: none"><li>▶ Mathematics</li><li>▶ Computer Science</li><li>▶ Economics</li><li>▶ Mathematics of Finance</li><li>▶ Statistics and Probability</li><li>▶ Mathematical Methods I</li><li>▶ Financial Management</li></ul>                                                                                                                                                                                  | <p><b>Year Three</b></p> <ul style="list-style-type: none"><li>▶ Applied Regression Models</li><li>▶ Groups I</li><li>▶ Topics in Microeconomic Theory</li><li>▶ Annuities and Life Insurance</li><li>▶ Money and Banking</li><li>▶ Metric Spaces</li><li>▶ Economics of Financial Markets</li><li>▶ Topics in Macroeconomic Theory</li><li>▶ Actuarial Mathematics I</li><li>▶ Business Finance</li><li>▶ Mathematical Modelling</li><li>▶ Topology</li></ul>                                                                                                               |
| <p><b>Year Two</b></p> <ul style="list-style-type: none"><li>▶ Analysis I</li><li>▶ Intermediate Macroeconomics</li><li>▶ Probability</li><li>▶ Mathematical Methods I</li><li>▶ Intermediate Microeconomics</li><li>▶ Linear Algebra</li><li>▶ Introduction to Financial Economics</li><li>▶ Computer Science</li><li>▶ Discrete Mathematics</li><li>▶ Modelling, Analysis and Simulation</li><li>▶ Statistical Inference</li><li>▶ Analysis II</li></ul> | <p><b>Year Four</b></p> <ul style="list-style-type: none"><li>▶ Actuarial Mathematics II: Life Contingencies</li><li>▶ Numerical Analysis</li><li>▶ Measure Theory</li><li>▶ Final-year Project (over 2 semesters)</li><li>▶ Non-Linear Systems</li><li>▶ Economics of Financial Markets Seminar I: Financial Modelling</li><li>▶ Economics of Financial Markets Seminar II: Financial Derivatives</li><li>▶ Neural Networks</li><li>▶ Stochastic Processes</li><li>▶ International Monetary Economics</li><li>▶ Differential Equations with Financial Derivatives</li></ul> |



I was chosen from my degree class to participate in the Ireland- US Council Scholarship. The analytical skills I gained at NUI Galway were invaluable to me during this internship in New York. I started employment as a trainee actuary with New Ireland Assurance in August.

**Maria Gormally – BSc (Financial Mathematics and Economics)**



# Bachelor of Science (Marine Science)

## UNIQUE

**THIS IS THE ONLY UNDERGRADUATE PROGRAMME OF ITS KIND IN IRELAND**

Marine Science encompasses the study of marine life and environments, how they are formed and change over time, and how they are affected by human activity. The degree in Marine Science is a four-year degree leading to a BSc (Hons). At the end of the degree, you will have improved your knowledge about the marine environment and will have developed your thinking and practical and personal skills, enabling you to undergo further academic training in a wide variety of scientific disciplines or begin your career. Marine Science is a broad area and the programme aims to help you find what specialty you prefer to study by introducing the subject in a general way at first and allowing you to follow your particular interests later on.

Situated on the western seaboard, Galway has a deep and enduring relationship with the sea. NUI Galway is the only Irish University offering this degree programme and it now has the highest concentration of marine scientists of any institution in Ireland. NUI Galway's marine research is focused on the fundamental understanding of marine organisms and ecosystems. Researchers also work in close

co-operation with industry and state agencies. The 3,000 square-metre 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, Co. Galway. The government's Marine Institute is also nearby, at Oranmore in Co. Galway.

## Career prospects

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

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)

## International Links

Students have many opportunities to participate in international research cruises and exchanges (e.g. Hong Kong University of Science and Technology).

## COURSE FACTS

**CAO Code:** GY310

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 400

**Minimum A-Level Grades:**  
AAA or equivalent combination

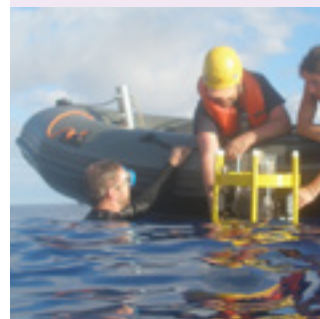
## Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 33



## COURSE OUTLINE

### Year One

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

### Year Two

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

### Year Three

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

### Year Four

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



The course combines elements of zoology, botany, oceanography and statistics and I finished my degree with a broad understanding of the many dynamics that occur in the world's waters. I now hope to continue my learning focusing on aquaculture and animal behaviour while travelling the world in the process.

**Liam Fulbrook – BSc (Marine Science)**

## KEY FACT

There is lots of ocean research and development in Ireland: the 500 members of SmartOcean Ireland include start-ups and multinational companies.

## Find out more:

Professor Mark Johnson  
Programme Director  
College of Science

+353 91 492 126

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

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# Bachelor of Science (Health and Safety Systems)

## COURSE FACTS

**CAO Code:** GY313

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 310

**Minimum A-Level Grades:**  
BCC or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 28

This is a workplace-oriented, multidisciplinary programme, where students receive tuition in subjects such as safety and risk management, occupational hygiene, ergonomics, health promotion, physics, law, chemistry, anatomy, management and mathematics.

Graduates will have a rewarding career in ensuring the welfare and wellbeing of people at work and contributing to the profitability of the organisation through safe and effective work processes. The programme is fully accredited enabling graduates to work in a health & safety role both at home and globally. There is an increased demand for graduates as the Irish economy begins to grow.

### Work placement

Students undertake a five-month (April-August), off-campus work placement following completion of their third year of study. They work alongside a health. 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.

### International links

There are opportunities for international exchanges and a number of students undertake their work placements overseas.

### Career prospects

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

### Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)



### KEY FACT

In 2014 there has been an increase of approximately 50% in the number of Health & Safety positions advertised.

### Find out more:

Enda Fallon  
Senior Lecturer in industrial  
Engineering  
Programme Director

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

## COURSE OUTLINE

### Year One

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

### Year Two

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

### Year Three

- ▶ Occupational Health
- ▶ Occupational Hygiene
- ▶ Research Methods for Occupational Health & Safety
- ▶ Legal Studies
- ▶ Safety Systems Design
- ▶ Ergonomic Design of the Workplace
- ▶ Safety and Construction
- ▶ Quality Systems
- ▶ Professional Experience Programme (PEP)

### Year Four

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



I really enjoy my role in Health and Safety – it is now a necessity in every workplace. It applies to all types of business, which gives me the option to change the type of work I do in the future. Also, as health and safety practice is growing, if I wish to travel I will be able to secure employment in other countries.

**Laura Gibbon – BSc (Health and Safety Systems)**

# Bachelor of Science (Earth and Ocean Sciences)

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It is the study of the physical and chemical processes that made and continue to modify the Earth and its oceans. EOS's 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.

Earth and Ocean Science graduates are in demand in the private and public sectors, in nongovernmental agencies and groups and in research centres. Our graduates are trained to work at the interface of the human and natural worlds, from sourcing raw materials and energy to regulating and monitoring industries, in Ireland and globally. An Earth and Ocean Sciences degree exposes graduates to a global career market. You will study some of the most exciting areas in the natural sciences while being able to see at first hand their practical

relevance in the world around you. You will develop an awareness of the issues around the protection and sustainable exploitation of our natural environment. You will understand where the energy and raw materials that we depend on for every aspect of our daily lives come from. You will also specialise and become expert in subjects that are pushing at the boundaries of scientific knowledge.

## Career prospects

Graduates can pursue a range of career opportunities in diverse industries, including energy, raw materials, conservation and education. Personnel are needed in Ireland and abroad to manage both the marine and terrestrial environments. See [www.earthworks-jobs.com](http://www.earthworks-jobs.com) to get an idea of the enormous range of opportunities for Earth and Ocean Scientists.

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)

## COURSE OUTLINE

### Year One

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

### Year Two

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

### Year Three

- ▶ Field Skills Training
- ▶ Introduction to Geological Maps
- ▶ Advanced Mapping

Plus one of the following module streams:

#### Stream A

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

#### Stream B

- ▶ Igneous Petrology
- ▶ Metamorphic Petrology
- ▶ Sediments and the Sedimentary Record
- ▶ Applied Palaeobiology

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

### Year Four

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

## COURSE FACTS

**CAO Code:** GY314

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 380

**Minimum A-Level Grades:**  
AAB or equivalent combination

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 30



## KEY FACT

The Earth and Ocean science sector is worth in excess of €5 billion annually to the Irish economy.

## Find out more:

Professor Peter Croot  
Programme Director  
College of Science

+353 91 492 194

[peter.croot@nuigalway.ie](mailto:peter.croot@nuigalway.ie)

[www.nuigalway.ie/eos](http://www.nuigalway.ie/eos) or  
[www.nuigalway.ie/science](http://www.nuigalway.ie/science)



From consultancy practice to a more hands-on approach working for oil companies or the mining industry, the theory that we learn in lectures is really put into practice in the field and the course focuses on the techniques used by industry and ensures that any graduate of this course is highly employable.

**Dónal Duffy – BSc (Earth and Ocean Sciences)**



# Bachelor of Science (Biopharmaceutical Chemistry)

## COURSE FACTS

**CAO Code:** GY318

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 510

**Minimum A-Level Grades:**

A\*A\*A\* & b (AS) or equivalent combination

**Leaving Certificate Entry**

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 10



### KEY FACT

The biopharmaceutical industry in Ireland is growing at a very fast rate giving graduates excellent career prospects.

**Find out more:**

Dr Peter Crowley  
School of Chemistry  
College of Science

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**w** www.nuigalway.ie/chemistry

Biopharmaceutical Chemistry is the study of biomolecules (such as DNA, proteins, carbohydrates, glycoproteins) and their applications as therapeutics for medicine. Numerous diseases and conditions are caused by the improper function or the absence of a particular biomolecule. For example, some forms of diabetes result from a lack of insulin. The role of the biopharmaceutical chemist is to design and synthesise molecules that can substitute for the missing protein. The replacement molecule is often a modified protein, and could be prepared using chemical and/or biotechnological methods.

Biopharmaceutical Chemistry is a multidisciplinary subject combining areas of chemistry and biology. The Biopharmaceutical Chemistry course has a relatively small intake of students and includes ample opportunity for research within projects in years 2 and 4, and a 3 month placement in year 3.

## Career Prospects

The biopharmaceutical industry is an increasingly important player in the Irish economy.

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

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)

## International Links

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).

## COURSE OUTLINE

### Year One

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

### Year Two

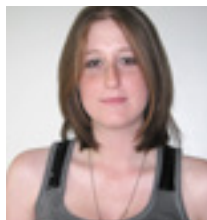
- ▶ Chemistry Pathway
- ▶ Biochemistry Pathway
- ▶ Computers and Chemical Research (project and transferrable skills)
- ▶ Fundamental Concepts in Pharmacology
- ▶ Applied Concepts in Pharmacology

### Year Three

- ▶ Organic, Inorganic and Physical Chemistry
- ▶ Drug Design & Drug Discovery
- ▶ Analytical Chemistry and Molecular Structure
- ▶ Experimental Chemistry I and II
- ▶ Plus one of following:
  - Cell Biology or
  - Molecular Biology
- ▶ Plus three of following:
  - Protein Biochemistry
  - Cell Signalling
  - Human Molecular Genetics
  - Industrial Chemistry
  - Industrial Validation

### Year Four

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



Biopharmaceutical Chemistry is a new and exciting course. Whether you prefer the more academic side of chemistry or the thrilling practical side of it, Biopharmaceutical Chemistry has it all and with many job prospects in the future too!

**Samantha White – BSc (Biopharmaceutical Chemistry)**

# Bachelor of Science (Mathematical Science)

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This honours degree programme provides students with a solid foundation in Mathematical Science, encompassing all aspects of mathematics and its applications. Students will have the opportunity to specialise in particular areas, for example in mathematics, applied mathematics, financial mathematics, computer science, statistics and bioinformatics.

## Career prospects

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

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)

## COURSE OUTLINE

### Year One

- ▶ Applied Mathematics
- ▶ Mathematics (also available through the medium of Irish)
- ▶ Probability and Statistics
- ▶ Introduction to Programming
- ▶ One of: Biology, Chemistry, Earth and Ocean Sciences, Physics
- ▶ Mathematical Science Workshop Series

### Year Two

Curriculum core consists of components from the following modules/pathways:

- ▶ Linear Algebra
- ▶ Discrete Mathematics
- ▶ Analysis
- ▶ Probability
- ▶ Statistical Inference
- ▶ Mechanics
- ▶ Mathematical Methods

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

### Year Three and Four

- ▶ Selection of specialized modules from chosen areas of the Mathematical Sciences
- ▶ Choices are flexible and possibilities include:
  - Metric Spaces
  - Topology
  - Groups
  - Measure Theory
  - Functional Analysis
  - Rings

### Year Three and Four

- Field Theory
- Numerical Analysis
- Applied Regression Models
- Statistical Modelling
- Stochastic Processes
- Time Series Analysis
- Introduction to Bayesian Modelling
- Probability Theory and Applications
- Annuities & Life Assurance
- Actuarial Mathematics
- Life Contingencies
- Mathematical Molecular Biology
- Bioinformatics
- Non-Linear Systems
- Non-Linear Elasticity
- Quantum Mechanics
- Partial Differential Equations
- Electromagnetism
- Fluid Mechanics
- Modelling
- Cosmology and General Relativity
- Cryptography
- Mathematical & Logical aspects of Computing
- Networking
- Scientific Computing
- Object-Orientated Programming/Internet Programming
- Advanced Operating Systems
- Object Oriented Software Design & Development
- Artificial Intelligence
- Neural Network
- Graphics and Image Processing
- Human Computer Interaction
- ▶ Final year project in subject area of your choice

## COURSE FACTS

**CAO Code:** GY319

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 490

**Minimum A-Level Grades:**

A\*A\*A & b(AS) or equivalent combination, Grade C in A-Level Mathematics or Grade A at O-Level

### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Mathematics - a minimum of HC3 or OA2, Irish, English, 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 150 for matriculation entry requirements.

**Average Intake:** 15



## KEY FACT

This degree addresses head-on the shortage of numerically skilled graduates currently faced by Ireland, as it embraces IT and a knowledge-based economy.

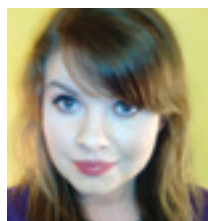
### Find out more:

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College of Science

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



For me, maths was a passion in school so when I heard about this course I knew it was for me. In second year we get to sample the many strands of maths before choosing one next year. Each day is a challenge and each day my curiosity and love of Maths grows.

**Kyra Coyne – BSc (Mathematical Science)**

# Bachelor of Science (Physics – degree options in Applied, Astrophysics, Biomedical, Theoretical)

## COURSE FACTS

**CAO Code:** GY320

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2014:** 420

### Minimum A-Level Grades:

ABC & a(AS) or equivalent combination

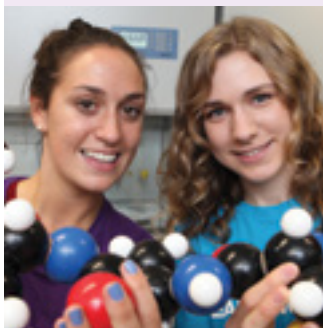
### Leaving Certificate Entry

**Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O 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 150 for matriculation entry requirements.

**Average Intake:** 30



## KEY FACT

This is the only course in the country that allows students a taste of four areas of physics - Applied, Astro, Biomedical and Theoretical physics, in their first year.

### Find out more:

Dr Gary Gillanders  
College of Science

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**w** www.nuigalway.ie/physics

Physics seeks to understand fundamental laws governing nature, from the sub-nuclear scale of quarks to the cosmological scale of quasars near the distant edge of the known universe. Applied Physics focuses on technological and practical applications of physics. Astrophysics deals with the physics behind astronomical objects such as stars, black holes and galaxies. Biomedical Physics is the application of physics to biology and medicine. Theoretical Physics applies mathematical tools and models to explain and predict physical phenomena.

If you have an enquiring mind, and are interested in discovering how things work, this could be the course for you. You will study a core Physics programme along with specialist options. Your choice of options will lead to Specialisation in one of four degree pathways, which will give you an insight into exciting and interesting areas of scientific inquiry. You will also develop the numerical, computational and problem-solving skills so highly valued by employers.

## 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.

## International Links

Students can take up summer placements abroad using research contacts established by School of Physics staff. They also have the opportunity to apply to participate in established College of Science exchange programmes that allow students spend a semester of third year studying abroad.

## Career prospects

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

## Further study

[www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci](http://www.nuigalway.ie/courses/taught-postgraduate-courses/#ColSci)

## COURSE OUTLINE

### Year One

- ▶ Physics
- ▶ Physics Special Topics
- ▶ Applied Mathematics or Biology
- ▶ Mathematics
- ▶ Computing

### Year Two

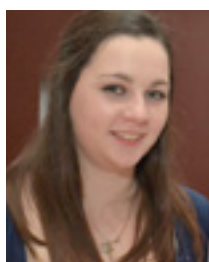
- ▶ Physics (four modules)
- ▶ Plus eight additional modules chosen from an approved list in the following areas:
  - Applied Mathematics
  - Astrophysics
  - Anatomy
  - Mathematics
- ▶ Computing

### Year Three

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

### Year Four

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



I followed my BSc with an MSc in meteorology. My undergraduate degree course laid the foundation for further atmospheric studies, particularly through modules in Atmospheric Physics, Thermodynamics and Oceanography. This gave me a head start in my MSc as I was applying much of my physics knowledge to understanding weather variability and climate patterns.

**Aisling Butler - BSc (Physics and Applied Physics)**



# Graduate Insights



**Aimee Walls,  
BSc in Marine Science**

"I have always been interested in the natural world and in particular the marine environment, so when completing my CAO choice, Marine Science in NUI Galway was an obvious choice.

Initially the course subjects were quite general providing a broad knowledge of marine science, and narrowing down as the years continued culminating in my final year project. This provided me with invaluable practical experience to complement my theoretical knowledge.

During my undergraduate degree I joined the University Sub-Aqua club. This allowed me to develop my diving skills which I was able to utilise during my final year project, in addition to meeting like-minded people and making lifelong friendships.

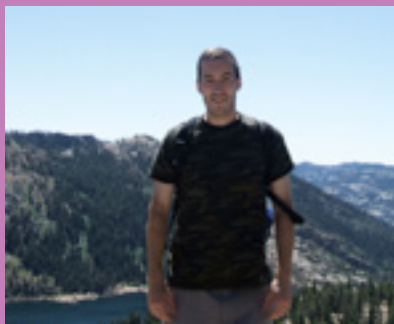
I am now continuing my studies with a PhD in the Ryan Institute. The skills, knowledge and contacts that I have gained during my degree have equipped me to advance in the field of Marine Science."



**Charlie Carlisle, BSc in  
Earth and Ocean Sciences**

"I am working as a Project Geologist in SLR Consulting in Dublin. I studied Earth and Ocean Sciences at NUI Galway and it was my ideal course. First we were introduced to the basic – but necessary ideas of physics, chemistry, and biology. We then progressed to all things belonging to the natural world. We studied the secrets of the ocean floor and watched footage from the R/V Celtic Explorer and lived aboard a five day research cruise in Galway Bay, courtesy of the Marine Institute and

the R/V Celtic Voyager. We studied the history associated with natural disasters to the mechanics of earthquakes, volcanoes and freak and tidal waves. Every day you can look forward to enjoying a range of subjects: oceanography, geology, climate science and the history of evolution. The best days were spent outside, and field trips meant making some of the best friends I have today."



**Tuathan O'Shea, BSc in Physics  
& Applied Physics, MSc in  
Medical Physics, PhD in Medical  
Physics**

"Studying physics at NUI Galway has enabled me to learn this core science subject, as well as great transferable, problem-solving skills. Physics has applications in many areas. I decided to study physics in the field of medicine, in particular the treatment of cancer patients with radiation therapy. Postgraduate studies in Medical Physics at NUI Galway have also enabled me to study at one of the best cancer centres in the United

States. Recently I have been offered a postdoctoral position at the Institute of Cancer Research in London, one of the world's foremost independent cancer research organisations."



# 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.



# 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, we are here to offer 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 the options available before making your choice. These options include:

- Student residences
- Lodgings/digs
- Self-catering

## Lodgings and digs

Lodgings are 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 provided meals. It can give you that extra support in a warm family atmosphere while you find your feet and adapt to university life.

The list of lodgings in Galway is available under 'Lodgings/Digs' at [www.nuigalway.ie/accommodation](http://www.nuigalway.ie/accommodation), or from the Accommodation Office.

## NUI Galway campus residence – Corrib Village

Corrib Village is the only on-campus student accommodation at NUI Galway. Located in the north campus and less than a five-minute walk to lectures, it is an ideal option for undergraduate, postgraduate and international students. Corrib Village provides self-catering accommodation for up to 760 students housed across 176 apartments, with room for four or five students. This campus residence has a wonderful community atmosphere, with a busy schedule of free social events each semester for students to enjoy.

Find out more:  
[www.campusliving.ie](http://www.campusliving.ie)

## Other student residences

There are 10 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 [www.nuigalway.ie/accommodation](http://www.nuigalway.ie/accommodation). Click on 'Student Residences'.

These self-catering residences include:

### Dúnáras

Located on Bishop O'Donnell Road, Dúnáras is approximately 25 minutes' walking distance from the campus. It consists of 112 two-bedroom and three-bedroom, self-catering apartments, providing accommodation for 409 students.

### 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 Apartments

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.



Atlantis Apartments

Located on Old Seamus Quirke Road, the Atlantis Apartments provide for 58 students, are less than 10 minutes' walking distance from the campus and comprise 19 self-catering apartments, with three to four students to each apartment.

Centrepont Apartments

Centrepont 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.

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. We urge you to please read carefully our 'Student Guide to Renting', which is also accessible on our web page. This type of housing particularly suits those students who have already met and know other flatmates willing to share the house/apartment.

This 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.

How much will it cost?

Costs vary significantly depending on the type of accommodation you choose. Student residences cost an average of €130 per week for a single room, including bills. Single rooms in private rented accommodation can range from €80 to €100, excluding bills. Digs can cost up to €160 for seven days, including bills and meals.

FIND OUT MORE

Contact us

The Student Accommodation Office can help you to decide which type of accommodation is best for you and can put you in touch with the appropriate landlords. The office also mediates 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.

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.

Lodgings and digs

Click on 'Digs/Lodgings'  
[www.nuigalway.ie/accommodation](http://www.nuigalway.ie/accommodation)

Student residences

Click on 'Student Residences'  
[www.nuigalway.ie/accommodation](http://www.nuigalway.ie/accommodation)

Private sector accommodation

Click on 'Private Accommodation'  
[www.nuigalway.ie/accommodation](http://www.nuigalway.ie/accommodation)

Accommodation officers

Teresa Kelly

T + 353 91 492 760/492 364  
[teresa.kelly@nuigalway.ie](mailto:teresa.kelly@nuigalway.ie)

Angela Walsh

T + 353 91 492 760/493 540  
[angela.walsh@nuigalway.ie](mailto:angela.walsh@nuigalway.ie)



# 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 a 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.

## Student Health Promotion Service

We provide guidance and information to support people in taking control of their health while also working to create a healthier campus environment. Topics include relationships, safer sex, weight management, healthy eating, alcohol and other drugs, smoking, stress reduction, time management, physical activity, pregnancy and parenthood. Drop in to the Wellness Centre in the Hub, Áras na Mac Léinn, to browse our books and information or to take a break in the Relaxation Room. Online information includes e-PUB, for personalised feedback on alcohol use, and Student Health 101, a FREE, online magazine covering a variety of college health issues including stress, sleep, nutrition, alcohol, safe sex, colds, flu, and more. Programmes on offer include the Exam De-stress Programme, smoking cessation groups and individual wellness assessments and Health Connect volunteering.

## Deans of Chaplaincy Services

The Deans of Chaplaincy Services (the chaplains) emphasise and give expression to the University's commitment to developing the whole person. They give particular emphasis to the spiritual dimension of each student and member of staff. Chaplaincy services are confidential and respectful, and are available and free to all. The chaplains also support and assist students who encounter social, financial, emotional, relationship, family, academic or personal issues or anxieties during their time in NUI Galway. They provide active pastoral care and spiritual leadership for the University community on occasions of particular delight or difficulty, and they facilitate a variety of liturgies and activities in the College Chapel that seek to encourage prayer, reflection, quietness, maturity, self-reliance and personal responsibility.

## 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 which 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 we can help. We are 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.

We 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

The University provides support for students with children. NUI Galway provides a crèche service, and Student Services also provide a list of community-based childcare services. Group meetings are held during term time to address issues unique to student parents.

- The Wellness Centre (at the back of the Hub) has books and information about pregnancy, childbirth, breastfeeding, and other parenting issues (as well as a range of health and wellbeing topics).
- We are available for one-to-one help and support.
- Breastfeeding mothers are welcome to use the 'Relaxation Room' to express breast milk, or for a quiet place to bring baby.
- Full-time students can apply to the Financial Aid Fund for financial assistance with childcare costs.



## Disability Support Service

The Disability Support Service provides support to students, who have a disability or specific learning difficulty, including:

- Autism spectrum disorder, including Asperger's syndrome
- ADD/ADHD
- Blind/vision impaired
- Deaf/hard of hearing
- DCD – dyspraxia/dysgraphia
- Mental health condition
- Neurological condition
- Significant ongoing illness
- Physical disability
- Specific learning difficulty, including dyslexia and dyscalculia

If you have one or more of the above disabilities and require particular supports, it is important that you notify NUI Galway of this requirement in advance of admission to college. Disclosure of a disability/specific learning difficulty will not adversely affect your application in any way.

The Disability Support Service is staffed by experienced professional staff, with knowledge and expertise in access and equity issues. The DSS works closely with academic staff and other support services to enable students with a disability to become independent learners and successful graduates.

NUI Galway accepts applications under the DARE (Disability Access Route to Education) scheme. To avail of this option, you must apply through the Central Applications Office (CAO) and complete the DARE application forms.

## FLAC (Free Legal Aid Centre)

FLAC offers free legal information clinics on a weekly basis for students who have legal queries of any kind. The weekly clinics run on Tuesday evenings in Áras na Mac Léinn from 6pm to 7.30pm. All information exchanged is strictly confidential and qualified solicitors are present at each clinic.

The information above is subject to change. Check the calendar on [www.socs.nuigalway.ie](http://www.socs.nuigalway.ie) for updates.

## FIND OUT MORE

### Student Health Unit

[www.nuigalway.ie/student\\_services/health\\_unit](http://www.nuigalway.ie/student_services/health_unit)

Emergencies only

(out of hours):

**T** +353 91 492 604

### Student Health Promotion Service

[www.nuigalway.ie/student\\_services/health\\_promotion/](http://www.nuigalway.ie/student_services/health_promotion/)

### Deans of Chaplaincy Services

[chaplains@nuigalway.ie](mailto:chaplains@nuigalway.ie)

**T** +353 91 495 055

Find the Chaplains on Facebook

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

### Counselling

[www.nuigalway.ie/student\\_services/counsellors](http://www.nuigalway.ie/student_services/counsellors)

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

[counselling@nuigalway.ie](mailto:counselling@nuigalway.ie)

**T** +353 91 492 484

**M** +353 87 664 4299

### Childcare

[www.nuigalway.ie/student-life/student-support/child-care.html](http://www.nuigalway.ie/student-life/student-support/child-care.html)

[nuigcreche@gmail.com](mailto:nuigcreche@gmail.com)

**T** +353 91 493 739

### Disability Support Service

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

Room 216, First Floor

(lift available),

Áras Uí Chathail

**T** +353 91 492 813

[disability.service@nuigalway.ie](mailto:disability.service@nuigalway.ie)

### Opening Hours

9.15am - 12.30pm and

2.30pm - 4pm

For further information on DARE applications go to [www.accesscollege.ie](http://www.accesscollege.ie)

### Placement Office

[placement@nuigalway.ie](mailto:placement@nuigalway.ie)

**T** +353 91 493 646

### FLAC (Free Legal Aid Centre)

[nuigflac@gmail.com](mailto:nuigflac@gmail.com)

[flac@socs.nuigalway.ie](mailto:flac@socs.nuigalway.ie)



# Your Money

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.

Fees are broadly categorised as EU or Non-EU, Full-Time or Part-Time, and Undergraduate or Postgraduate.

EU undergraduate fees are paid by EU nationals (EU birth certificate or passport) and have 3 elements, which are outlined as follows:

## 1. Tuition fees

This varies from degree programme to degree programme. This 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 [www.studentfinance.ie](http://www.studentfinance.ie)

## 2. Student contribution charge – €2,750

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.grantsonline.ie](http://www.grantsonline.ie). When you register online, you will be asked if you have applied for a grant. Once you receive official confirmation of your SUSI grant, please show it to the Fees Office (or email it to [fees@nuigalway.ie](mailto:fees@nuigalway.ie) or fax it to 091-495553).

## 3. Student levy – €224

This is payable by all students and is not covered by a SUSI grant.

## Grants

If you believe you are eligible for a grant, you should make your application via [www.studentfinance.ie](http://www.studentfinance.ie).

## Financial Assistance – Student 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 Student Assistance 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 [www/student\\_services/financialaidfund.html](http://www/student_services/financialaidfund.html)

## Scholarships

The following scholarships are available at this University 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. The exception is for entrants to Medicine, which has 10 scholarships 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 2015/2016 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 as a student of the University in the college in which the scholarship is being awarded by the due registration 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 examination, except for Medicine, as follows:

- i 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.
- ii Scores will be determined by applying values listed under 2C on page 149.
- iii In September 2015, 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/admissions](http://www.nuigalway.ie/admissions)

### 2. Sports Scholarships

The University offers Sports Scholarships to athletes of outstanding calibre who register as students of the University. There are two opportunities for sports scholarship 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. 40 performance points will be on offer for successful candidates. Performance points applies only to courses over 350 points. Applications close for this scholarship on 31 March each year.

### Elite Athlete Scholarship

NUI Galway also offer sports scholarships to a number of NUI Galway registered athletes. The scholarship consists of financial assistance, gym membership, as well as performance supports, such as strength and conditioning coaching, access to some of Ireland’s leading coaches in a range of sports, sports psychology and nutrition professionals. We 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 on 31 July of each year.

### 3. James Massey Keegan Scholarship

Information about this scholarship, which is awarded on a competitive basis to Mayo students, is available from the Admissions Office.

### 4. Helen M. Moran Scholarship

Information about this scholarship is available from the Admissions Office and/or from the Elite Sports Development Officer.

### 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 - see below.

### FIND OUT MORE

#### Student Facilities Levies

T +353 91 492 386

[fees@nuigalway.ie](mailto:fees@nuigalway.ie)

#### Grants

[www.nuigalway.ie/courses/fees-and-funding/funding.html](http://www.nuigalway.ie/courses/fees-and-funding/funding.html)

#### Sports Scholarships

Kathy Hynes

[kathy.hynes@nuigalway.ie](mailto:kathy.hynes@nuigalway.ie)

[www.nuigalway.ie/sports/scholarships\\_info.html](http://www.nuigalway.ie/sports/scholarships_info.html)

#### James Massey Keegan Scholarship &

#### Helen M. Moran Scholarship

T +353 91 495 999

[admissions@nuigalway.ie](mailto:admissions@nuigalway.ie)

[www.nuigalway.ie/admissions/scholarships](http://www.nuigalway.ie/admissions/scholarships)

#### Financial Assistance

Students with financial difficulties are advised to contact the Student Services Office.

[www.nuigalway.ie/courses/fees-and-funding/funding.html](http://www.nuigalway.ie/courses/fees-and-funding/funding.html)

| Weekly Living Costs                                |             |
|----------------------------------------------------|-------------|
| Accommodation (rental):                            | €70         |
| Food, including a weekly shop and food in college: | €50         |
| Travel:                                            | €11         |
| Social (including clothes):                        | €55         |
| Medical:                                           | €5          |
| <b>Total (weekly average):</b>                     | <b>€191</b> |



# Your Learning Environment

At NUI Galway, we are committed to providing you with excellent teaching facilities and supports throughout your time at university.

## The learning experience

We recognise that you will find teaching and learning different from your experience at school. For the first time, you will be in control of your own learning and will need to develop independent learning skills. Our lecturers will offer you plenty of support to make that transition to independent learner.

You will be encouraged to think critically about issues, to evaluate options for yourself, to work independently on projects and assessments, and to manage your own study time.

Teaching methods

You will play an active part in your own learning and will be expected to read beyond what is required for your lectures and classes. We are committed to helping you develop your ability to direct your own learning and offer a number of different teaching methods to support you.

## Study abroad

Many of our courses include the opportunity to study abroad through exchange programmes. Our Erasmus Programme places 400 students in 125 universities all over Europe every year. We also offer a number of opportunities to study abroad outside of Europe.

### Lectures

This is the most formal way of teaching a large group of students. Many of our lecturers are leading experts in their field so lectures are a great opportunity to find out about the latest research on a topic.

### Independent research projects

This is an opportunity to carry out your own research on a particular topic and put forward your own ideas. This is usually undertaken in the final year of your degree programme.

### Tutorials

These are small groups, where students meet with a tutor to discuss a particular topic in more detail and you are expected to contribute to the discussions.

### Work experience

Some degree programmes include a period of work experience, usually in third year. This gives you a chance to explore future career paths and may even lead to the opportunity of a job after you graduate.

### Practicals/Laboratory sessions

Hands-on practical classes to develop subject-related skills. This is particularly relevant to science and engineering programmes and courses involving a language.

### Study abroad

Many of our courses include the opportunity to study abroad through exchange programmes. Our Erasmus Programme places 400 students in 125 universities all over Europe every year. We also offer a number of opportunities to study abroad outside of Europe.



**Innovative teaching methods**

Our lecturers work hard to make learning as stimulating as possible by keeping their teaching styles up-to-date. Blackboard is our popular virtual learning environment. It gives you access to learning resources online.

Other innovative teaching tools include podcasting, educational blogs, digital video, video conferencing, multimedia language laboratories and the uploading of lectures to iTunes.

**Wifi and IT Support**

We have over 80 wifi hotspots across the campus so that you can connect your own devices. We also have a number of PC suites offering a range of general and specialist software and printers. Our Computing Service Desk offers a 'one-stop shop' for all your computing related problems/ queries.

**The James Hardiman Library - A space for learning**

The library provides you with a space and environment conducive to learning. With nearly 2000 study spaces, you can study and research in the company of your fellow students. Most study spaces are equipped with a socket and WiFi is available throughout the library. Two PC Suites within the library provide access to PCs. Group study rooms can be booked that allow students to work together on group projects.

**Learning resources at your fingertips**

All the information you need for your study and research is available through the library's collections. The library provides you with access to nearly 500,000 print books, 450,000 e-books and over 70,000 e-journals. We have an extensive collection of unique archives in areas such as history, literature, politics and theatre. Our Special Collections include wonderful collections of rare and local books, maps and newspapers. Particular strengths include folklore, early travel writing and the output of writers such as Douglas Hyde.

**Help and Support**

The library staff are always delighted to help you find the information you need for your studies. Our Customer Services Team will give you any assistance you need with using the library services or finding your way around our print and online collections. Our team of Subject Librarians and Information Assistants will provide you with training and advice that will help you gain the information skills needed to navigate the information resources and literature of your particular subject area. The Academic Writing Centre provides one-to-one support and assistance with academic writing, helping you become a better writer as you progress through your studies.

**FIND OUT MORE**

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



# Your Societies

With over 110 student-led societies, all tastes and interest groups are catered for on campus. The 919 committee members across all these societies organised over 3,000 events last year. These social, educational and cultural events all added to the vibrancy of the campus. NUI Galway societies have a total membership of 9,378 registered individual student members. The societies have a combined membership of 51,709, with students joining an average of four societies each. In volunteered hours, societies' committee members provide the equivalent of 110 full-time workers during term-time, providing social, cultural and educational support to the University community.

Every year NUI Galway societies host numerous conventions and conferences. Last year the Harry Potter Society hosted the first Potter Fest with live Quidditch. Annual conventions organised by the societies include Akumakon, hosted by the Anime & Manga Society, and the hugely popular Itzacon, hosted by the Fantasy & Science Fiction Society and the popular Juggling Convention. Societies are involved in on-campus festivals and themed weeks; including the University Múscaillt Arts Festival, February 9th -13th, Societies Theatre Festival February 23rd – 27th, Science Week, October 9th – 16th. In the last 10 years, societies have contributed €1.75 million to charity.

## A great way to make friends

Societies provide the ideal way to make new friends who share your interests. Societies organise trips, events, guest speakers, workshops, classes, parties and the glamorous gala balls. Last year over 1,000 society members went on trips. Societies cater for diverse interests, from Business to Baha'i, Science Fiction to Physics, Disney to Medicine, Dancing to Feminism, Poker to Juggling, and Orchestra to Organic Gardening. If you don't find what you are looking for we encourage students to set up their own new societies.

## Join the Winning Team

Our societies are officially the best in the country and are the top of the leader board for society wins at the BICS National Society Awards. We won two awards last year at the BICS National Society Awards. Our societies have won numerous awards at national and intervarsity level; our musical society has won an AIMS award for choreography. Our Art Society won the Art Intervarsity, our Fianna Fáil Society (Cumann de Barra) won the best student cumann three times, our Drama Society won awards at the ISDA (the Irish Student Drama Association) Festival and our LGBT (GIG) Soc won the equality campaign of the year award.

## Societies and the Community

Societies organise many community outreach programmes, including debating, the Schools' Musical Competition, and volunteering with and fundraising for national and international charities. Our Voluntary Services Abroad Society sends fifth year medical students throughout the developing world. The Sláinte Society organises the popular national school children's Teddy Bear Hospital. The founder of our Draíocht Society won the International Junior Chamber 'Most Outstanding Young Person in the World in the category of Humanitarian Aid' award and travelled to Osaka to receive her prize. This year we launch the new Global Week October 13th -17th 2014, raising awareness about global issues and celebrating diversity.

## Awards and Bursaries

The societies hold numerous competitions throughout the year. The Musical Society hosts 'NUIG's Got Talent', which presented €1,000 to the winner last year. There is also the Witless Band Competition and the Jerome Hynes One Act Play Series for new playwrights. All society committee members have the opportunity to avail of training and supports to realise their potential and add real value to their learning experience.





## Dedicated Society Space

The societies' dedicated facilities are the best in Ireland, comprising performance spaces, meeting rooms, acoustic rooms, editing suites and an art and dark room, plus a dedicated team of support staff in the SocsBox, who not only support the work of the societies and are available to answer all your queries. This year we launch the new on line socsbox for all-your society tickets and merchandise. This year we launch the new e-commerce version of the SocsBox, our ticket desk, so you can purchase society tickets and merchandise online.

## How to join

You can become a member on both societies days September 10th and January 14th in Áras na Mac Léinn. Or at any time via yourspace.

## YourSpace

YourSpace is a dedicated website which allows the students and staff to manage their own contact information, join clubs and societies and much more. You can also sign up for the 'What's Happening Guide', your weekly list of what's on around the campus.

## FIND OUT MORE

### Societies

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

### YourSpace

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



# 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, e.g. for entry 2015, date of birth must be on or before 15 January 1999. 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 [www.nui.ie](http://www.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 and/ or vulnerable adults. The programmes which require Garda vetting are listed 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.

#### Find out more

Click on your Course Name at: [www.nuigalway.ie/courses/undergraduate-courses/](http://www.nuigalway.ie/courses/undergraduate-courses/)

### 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 (e.g. 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  
[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 Podiatry. 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 (e.g. 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  
[www.nui.ie](http://www.nui.ie)  
[www.nuigalway.ie/admissions/entryrequirements.html](http://www.nuigalway.ie/admissions/entryrequirements.html)

### 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) which are being presented for assessment to NUI Galway must be with the Central Applications Office no later than the dates below:

Irish Leaving Certificate: 13 August 2015  
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 and/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:

- achieve a minimum of 480 points and
- meet the minimum entry requirements for the programme in the same sitting of the Irish Leaving Certificate examination or equivalent examination and
- complete the required admissions test (HPAT-Ireland) in 2015. Results are now only valid for one year.

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 who successfully complete the examination requirements of the year of the programme last taken by them or being taken in the year in which application for transfer is being made 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](#)

[www.nuigalway.ie/admissions/documents/entry\\_to\\_medicine\\_2015.pdf](http://www.nuigalway.ie/admissions/documents/entry_to_medicine_2015.pdf)

## 2. IRISH LEAVING CERTIFICATE APPLICANTS

### 2A MATRICULATION

For holders of the Irish Leaving Certificate, six subjects are required, with a minimum Grade C3 at Higher Level in two subjects, and at least Grade D3 in four other subjects at Ordinary or Higher Level.

An applicant may combine the results of the Leaving Certificate examinations obtained in different years for matriculation registration purposes for all programmes with the exception of Medicine (refer to section 1(h)). This concession applies to matriculation only; it does not apply to the calculation of points for admission. A compensation rule can apply where one Grade E in any subject at Higher Level will be accepted if the applicant has, among other subjects, three Grade C3 awards on Higher Level papers or at least one Grade B3 and one Grade C3 on Higher Level papers in the Leaving Certificate. It should be noted that this compensatory mechanism applies to basic matriculation only. It is not relevant for admission purposes where there is a course requirement higher than Grade D3 at Ordinary Level in the subject concerned. This compensation rule does not apply to matriculation for Nursing programmes.

### 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.

Combination of subjects 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 limitation of 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 |
|-------|--------------|----------------|
| A1    | 100          | 60             |
| A2    | 90           | 50             |
| B1    | 85           | 45             |
| B2    | 80           | 40             |
| B3    | 75           | 35             |
| C1    | 70           | 30             |
| C2    | 65           | 25             |
| C3    | 60           | 20             |
| D1    | 55           | 15             |
| D2    | 50           | 10             |
| D3    | 45           | 5              |

| Points Awarded for LCVP Link Modules by NUI Galway |    |
|----------------------------------------------------|----|
| Distinction                                        | 70 |
| Merit                                              | 50 |
| Pass                                               | 30 |

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.

## 2D STUDENTS FROM OUTSIDE THE EU PRESENTING THE LEAVING CERTIFICATE

The following special arrangements apply in the case of students from outside the European Union 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 European Union 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-European Union 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.

[Find out more](#)

Central Applications Office (CAO)

Tower House  
Eglinton Street  
Galway  
T +353 91 509 800  
[www.cao.ie](http://www.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 in the CAO is 5.15pm on 1 February. Late applications will be accepted up to 5.15pm on 1 May by the CAO 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 equivalent of two Grade Cs).

#### GCE AS 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 [www.nui.ie](http://www.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 Ordinary B3 is required, the minimum requirement is a Grade B at GCSE.

Where a Leaving Certificate grade of Higher C1/C2/C3 is required, the minimum requirement is a Grade C at GCE A-level.

Where a Leaving Certificate grade of Higher B1/B2/B3 is required, the minimum requirement is a Grade B at GCE A-level.

GCE/LC points equivalence from 2010

| A2 | Points | AS | Points |
|----|--------|----|--------|
| A* | 150    | –  | –      |
| A  | 135    | A  | 65     |
| B  | 120    | B  | 60     |
| C  | 100    | C  | 50     |
| D  | 75     | D  | 35     |
| E  | 40     | E  | 20     |

GCE/LC points equivalence pre 2010

| A2 | Points | AS | Points |
|----|--------|----|--------|
| A  | 145    | A  | 60     |
| B  | 120    | B  | 60     |
| C  | 100    | C  | 50     |
| D  | 75     | D  | 35     |
| E  | 40     | E  | 20     |

Please note that a maximum of four different recognised subjects (not being mutually exclusive) may be considered for scoring purposes. AS grades, if presented, will normally only be accepted for the year immediately preceding the grades in the A2 subjects. Grades in the same subject in A2 and AS level cannot be combined. Only GCE grades awarded at the same date can be considered for computation. AVCE subjects, or those titled as applied subjects, are NOT currently accepted for matriculation or entry purposes. Please refer to our website for approximate minimum A-level grades required for entry in 2014.

[Find out more](#)

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

### 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  
[www.cao.ie](http://www.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 UNITED KINGDOM

### 4A MATRICULATION, EXEMPTIONS AND ACCEPTABLE SUBJECTS

NUI Galway welcomes applications for undergraduate degree programmes from EU applicants.

4A matriculation, exemptions and acceptable subjects  
Applicants must meet normal matriculation and entry requirements. Detailed information for each country is available online.

[Find out more](#)

[www.nuigalway.ie/admissions](http://www.nuigalway.ie/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 2015 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 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  
[www.cao.ie](http://www.cao.ie)

## 5. SCHOOL LEAVING EXAMINATIONS FROM NON-EU COUNTRIES

For the purposes of making an application, an EU applicant is defined as one 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. NUI Galway welcomes applications from non-EU applicants. 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  
[www.nuigalway.ie/international/](http://www.nuigalway.ie/international/)  
Non-EU Applicants  
[www.nuigalway.ie/medicine/apply.html](http://www.nuigalway.ie/medicine/apply.html)

## 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 socio-economically disadvantaged backgrounds. HEAR has been established by a number of higher education institutions, and is based on clear evidence that socio-economic 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 CAO form.

#### Who should apply to HEAR?

HEAR is for school leavers (under 23 years old as of 1 January 2015). Mature and FETAC students have different admission routes and can get further information on these routes from NUI Galway.

#### How to apply to HEAR

1. Apply online to CAO by 5.15pm on 1 February 2015.
2. You must indicate in your CAO application no later than 5.15pm on 1 March 2015 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 2015.

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

[www.accesscollege.ie](http://www.accesscollege.ie)  
[www.cao.ie](http://www.cao.ie)  
[www.nuigalway.ie/access](http://www.nuigalway.ie/access)  
[www.nuigalway.ie/admissions](http://www.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 2015), 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 2015.
2. No later than 5:15pm on 1 March 2015, 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 2015.
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 2015.

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.

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 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:

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

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

[www.nuigalway.ie/student\\_services/disability\\_office](http://www.nuigalway.ie/student_services/disability_office)

## 6C ACCESS COURSE FOR SCHOOL LEAVERS

This programme is designed for students from schools in the Border, Midlands and Western Region and County Clare who have completed the Leaving Certificate examination and who, for financial or related reasons, did not achieve the points cut-off level for entry to the University on the basis of their Leaving Certificate results. The programme normally takes place over a full academic year and is delivered on the NUI Galway campus and at Outreach centres. A range of academic and developmental modules are covered during the programme. Students are selected on the basis of their socio-economic status and academic potential. The programme is also delivered in Sligo in partnership with St. Angela's College of Education.

### Find out more

Access Office

NUI Galway

T +353 91 493 553

F +353 91 494 573

[access@nuigalway.ie](mailto:access@nuigalway.ie)

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

## 6D MATURE – APPLYING ON THE GROUNDS OF MATURE YEARS

If you are at least 23 years of age on or before 1 January 2015 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 2014 in the Mature Students' Guide, which can be found online or by emailing NUI Galway.

All applicants intending to apply for Arts (including denominated programmes) in 2015 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 2015 and it will take place on Saturday 7 March 2015

All applicants intending to apply for Medicine in 2015 on the grounds of mature years will be required to take the HPAT Test. Registration closes on Monday 20 of January 2015 and the test date is Saturday 28 February 2015. 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 2015 through the Central Applications Office. 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)

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

MSAP test information

<http://msap.acer.edu.au/>

### CAO

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

HPAT test information

[www.hpat-ireland.acer.edu.au/](http://www.hpat-ireland.acer.edu.au/)

### Further advice and guidance

T +353 91 492 695

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

## 6E FETAC – FURTHER EDUCATION AND TRAINING AWARDS COUNCIL

FETAC has recently introduced the CAS (Common Awards System). Please refer to the NUI Galway website for specific details on the range of FETAC awards which link into the University's level 8 degree programmes.

[Find out more](#)

[www.nuigalway.ie/admissions/documents/fetac.pdf](http://www.nuigalway.ie/admissions/documents/fetac.pdf)

## 6F 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 completed year one 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](#)

[www.nuigalway.ie/admissions/transfer](http://www.nuigalway.ie/admissions/transfer)

## 6G 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 is on offer. Entry requirements and details of courses are available online and from the Adult Learning and Professional Development Office

[Find out more](#)

The Adult Learning and Professional Development Office  
NUI Galway

T +353 91 495 241

E [adultlearning@nuigalway.ie](mailto:adultlearning@nuigalway.ie)

[www.nuigalway.ie/adult-learning](http://www.nuigalway.ie/adult-learning)

## 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/admissions/deferralprocedures.html](http://www.nuigalway.ie/admissions/deferralprocedures.html)
3. The application must be made to the Admissions Office at least two days before the 'Reply Date' shown on the Offer Notice.
4. The National University of Ireland, 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 a grade D3 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 scheme was introduced for a four-year pilot period commencing with the Leaving Certificate 2012 and will be reviewed in 2014.

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.



The table on this page illustrates the impact of the bonus points. Bonus points will not be used in the assessment of scholarship eligibility.

Bonus points for Maths

| % Range | LC Grade | Points for HL Maths, including 25 bonus points | Existing points for HL subjects, incl. Maths | Points for Ordinary Level subjects |
|---------|----------|------------------------------------------------|----------------------------------------------|------------------------------------|
| 90–100  | A1       | 125                                            | 100                                          | 60                                 |
| 85–89   | A2       | 115                                            | 90                                           | 50                                 |
| 80–84   | B1       | 110                                            | 85                                           | 45                                 |
| 75–79   | B2       | 105                                            | 80                                           | 40                                 |
| 70–74   | B3       | 100                                            | 75                                           | 35                                 |
| 65–69   | C1       | 95                                             | 70                                           | 30                                 |
| 60–64   | C2       | 90                                             | 65                                           | 25                                 |
| 55–59   | C3       | 85                                             | 60                                           | 20                                 |
| 50–54   | D1       | 80                                             | 55                                           | 15                                 |
| 45–49   | D2       | 75                                             | 50                                           | 10                                 |
| 40–44   | D3       | 70                                             | 45                                           | 5                                  |
| 25–39   | E        | 0                                              | 0                                            | 0                                  |
| 10–24   | F        | 0                                              | 0                                            | 0                                  |

7C SPECIAL MATHS EXAMINATION

The Special Maths 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  
[www.nuigalway.ie/engineering-informatics/prospectivestudents/specialentranceexamination/](http://www.nuigalway.ie/engineering-informatics/prospectivestudents/specialentranceexamination/)

7D FEES

For information on fees, please refer to our website.

Find out more  
[www.nuigalway.ie/fees](http://www.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. 40 “Performance Points” which can be added to your CAO score for entry to NUI Galway will be on offer for successful candidates.

Find out more  
[www.nuigalway.ie/sports/scholarships\\_info.html](http://www.nuigalway.ie/sports/scholarships_info.html)

Creative Arts Performance Points

Special “Performance Points” are offered for new entrants who show exceptional artistic promise and achievement under five 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  
[www.nuigalway.ie/creativeartspersformancepoints](http://www.nuigalway.ie/creativeartspersformancepoints)

# Important dates for Applicants

## September 2014

CAO 2015 applications  
packs delivered to schools.

## October 2014

### OPEN DAY

Friday, 3 October, 9am-3pm and Saturday,  
4 October, 10am-3pm

NUI Galway's Open Days

## November 2014

5 November, 12.00 noon

CAO online application facility opens.  
Change of Course Choice (free) facility  
opens.

## January 2015

20 January, 5.15pm

Apply online by this date to avail of the  
discounted application fee of €25.

31 January, 5.15pm

Closing date for online Change of Course  
Choices (free).

## February 2015

1 February, 5.15pm

Normal closing date for applications (€40).

5 February

Online facility to amend course choices  
becomes available (€10 fee).

Before 15 February

A Statement of Course Choices is sent to  
all paper applicants.  
If not received, you must contact the CAO  
immediately.

Saturday 28 February

HPAT test date

## March 2015

1 March, 5.15pm

Closing date for amending course choices.

1 March, 5.15pm

Closing date for final completion of online  
HEAR/DARE forms.

7 March

MSAP test date

## April 2015

1 April, 5.15pm

Latest date for HEAR/DARE supporting  
documentation to arrive in CAO.

### OPEN DAY

Saturday 25 April, 10am-3pm

NUI Galway's Spring Open Day

## May 2015

1 May, 5.15pm

Closing date for late applications.

5 May expected date

Online change of mind facility becomes  
available.

Before 15 May

A Statement of Course Choices sent to all  
late paper applicants by CAO.

Before end of May

Statement of Application Record sent to all  
applicants by CAO.

## June 2015

Leaving Certificate examinations.

## July 2015

1 July, 5.15pm

Change of mind closes.

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 2015

Early August

Round 0 offers for certain Non-Standard  
categories of applicant, including FETAC  
applicants.

Mid August

Leaving Certificate results issued.

17 August (expected date)

Round 1 offers.

24 August, 5.15pm (expected date)

Round 1 acceptances.

27 August (expected date)

Round 2 offers.

## September 2015

Early September

HEIs begin registration and induction.

2 September, 5.15pm (expected date)

Round 2 acceptances.

## October 2015

Early October

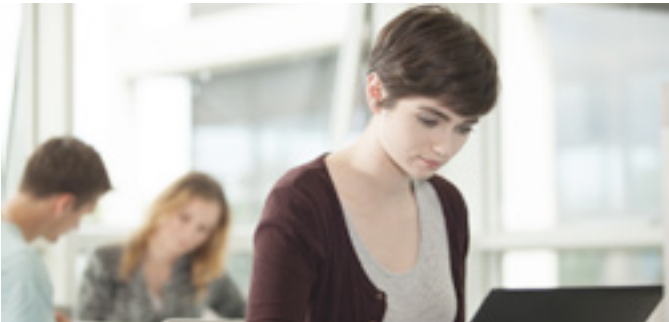
Results of Leaving Certificate appeals  
released.

14 October, 5.15pm

Offer season ends.

# Important dates for Applicants (continued)

| Exam              | HPAT (for medicine applicants)   | MSAP (for mature applicant to Arts) |
|-------------------|----------------------------------|-------------------------------------|
| Apply             | 20 January, 5.15pm<br>(€120 fee) | 8 February, 5.15pm<br>(€75)         |
|                   | 1 February, 5.15pm<br>(€190 fee) |                                     |
| Late applications | 4 February, 5.15pm<br>(€225 fee) | 20 February, 5.15pm<br>(€110 fee)   |
| Test day          | 28 February                      | 7 March                             |





# Useful Contacts

## Main NUI Galway Switchboard

T +353 91 524 411  
F +353 91 525 700  
[www.nuigalway.ie](http://www.nuigalway.ie)  
[www.ogaillimh.ie](http://www.ogaillimh.ie)

## Student Information Desk

(General Student Enquiries)  
Áras Uí Chathail  
NUI Galway  
T +353 91 495 999  
[www.nuigalway.ie/sid](http://www.nuigalway.ie/sid)  
[sid@nuigalway.ie](mailto:sid@nuigalway.ie)

## Admissions Office – Undergraduate (EU Applicants)

Áras Uí Chathail  
NUI Galway  
T +353 91 492 401  
T +353 91 494 024  
T +353 91 493 878  
[www.nuigalway.ie/admissions](http://www.nuigalway.ie/admissions)  
[admissions@nuigalway.ie](mailto:admissions@nuigalway.ie)

## Fees Office

Áras Uí Chathail  
NUI Galway  
T +353 91 492 386  
F +353 91 495 553  
[fees@nuigalway.ie](mailto:fees@nuigalway.ie)

## Accommodation and Welfare Office

Áras Uí Chathail  
NUI Galway  
T +353 91 492 760/492 364  
[teresa.kelly@nuigalway.ie](mailto:teresa.kelly@nuigalway.ie)  
T +353 91 492 760/493 540  
[angela.walsh@nuigalway.ie](mailto:angela.walsh@nuigalway.ie)  
T +353 91 495 282  
[una.mcdermott@nuigalway.ie](mailto:una.mcdermott@nuigalway.ie)

## Mature Students Office

Áras Uí Chathail  
NUI Galway  
T +353 91 492 695  
[www.nuigalway.ie/mature](http://www.nuigalway.ie/mature)  
[maturestudents@nuigalway.ie](mailto:maturestudents@nuigalway.ie)

## Adult and Continuing Education Office

NUI Galway  
T +353 91 492 144  
[adulteducation@nuigalway.ie](mailto:adulteducation@nuigalway.ie)

## Access Programmes

NUI Galway  
T +353 91 493 553  
[access@nuigalway.ie](mailto:access@nuigalway.ie)

## Disability Support Service

NUI Galway  
T +353 91 492 813  
[disability.service@nuigalway.ie](mailto:disability.service@nuigalway.ie)

## International Affairs Office – (Non-EU Applicants)

NUI Galway  
T +353 91 495 277  
[www.nuigalway.ie/international](http://www.nuigalway.ie/international)  
[international@nuigalway.ie](mailto:international@nuigalway.ie)

## Alumni Office

NUI Galway  
T +353 91 493 750  
[www.nuigalway.ie/alumni](http://www.nuigalway.ie/alumni)  
[alumni@nuigalway.ie](mailto:alumni@nuigalway.ie)

## Sports Scholarships

NUI Galway  
T +353 91 493 475  
[www.nuigalway.ie/sports](http://www.nuigalway.ie/sports)  
[kathy.hynes@nuigalway.ie](mailto:kathy.hynes@nuigalway.ie)

For all other entrance scholarships, contact the Admissions Office at [www.nuigalway.ie/admissions/scholarships](http://www.nuigalway.ie/admissions/scholarships)

## Schools Liaison Office

NUI Galway  
T +353 91 492 814  
T +353 91 495 788  
[schoolvisits@nuigalway.ie](mailto:schoolvisits@nuigalway.ie)

## Schools Liaison Officers

Celine O'Donovan  
South, South West & Midlands Regions  
T +353 87 239 1219  
[celine.odonovan@nuigalway.ie](mailto:celine.odonovan@nuigalway.ie)

Gráinne Dunne  
North & North West Regions  
T +353 87 244 0858  
[grainne.dunne@nuigalway.ie](mailto:grainne.dunne@nuigalway.ie)

Siobhán Dorman  
East & South East Regions  
T +353 86 042 1591  
[siobhan.dorman@nuigalway.ie](mailto:siobhan.dorman@nuigalway.ie)

## Other useful contacts

National University of Ireland (NUI)  
49 Merrion Square  
Dublin 2  
T +353 1 439 2424  
[www.nui.ie](http://www.nui.ie)

Central Applications Office (CAO)  
Tower House  
Eglinton Street  
Galway  
T +353 91 509 800  
[www.cao.ie](http://www.cao.ie)  
[info@cao.ie](mailto:info@cao.ie)

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CAO points quoted are first round points 2014.

# CAMPUS MAP

- 1 James Hardiman Library
- 2 Arts/Science Building
- 3 The Quadrangle
- 4 Arts Millennium Building  
(And new home of the School of Psychology)
- 5 IT Building
- 6 Orbsen Building
- 7 Engineering Building
- 8 Áras na Gaeilge
- 9 Áras na Mac Léinn and Bailey Allen Hall
- 10 Sports Centre
- 11 Corrib Village  
(Student Accommodation)
- 12 Áras Moyola
- 13 Bank of Ireland Theatre
- 14 J.E. Cairnes School of Business and Economics
- 15 Student Information Desk (SID) / Áras Uí Chathail

..... Accessible Route Across Campus (for the mobility impaired)

## Cafés, restaurants and bars

A An Bhialann



B Smokey Joe's Café

C Coffee On Line

D College Bar

E Zinc Café

F Friars Restaurant



Arts/Science Building



Áras Moyola



Engineering Building

St Anthony's Entrance



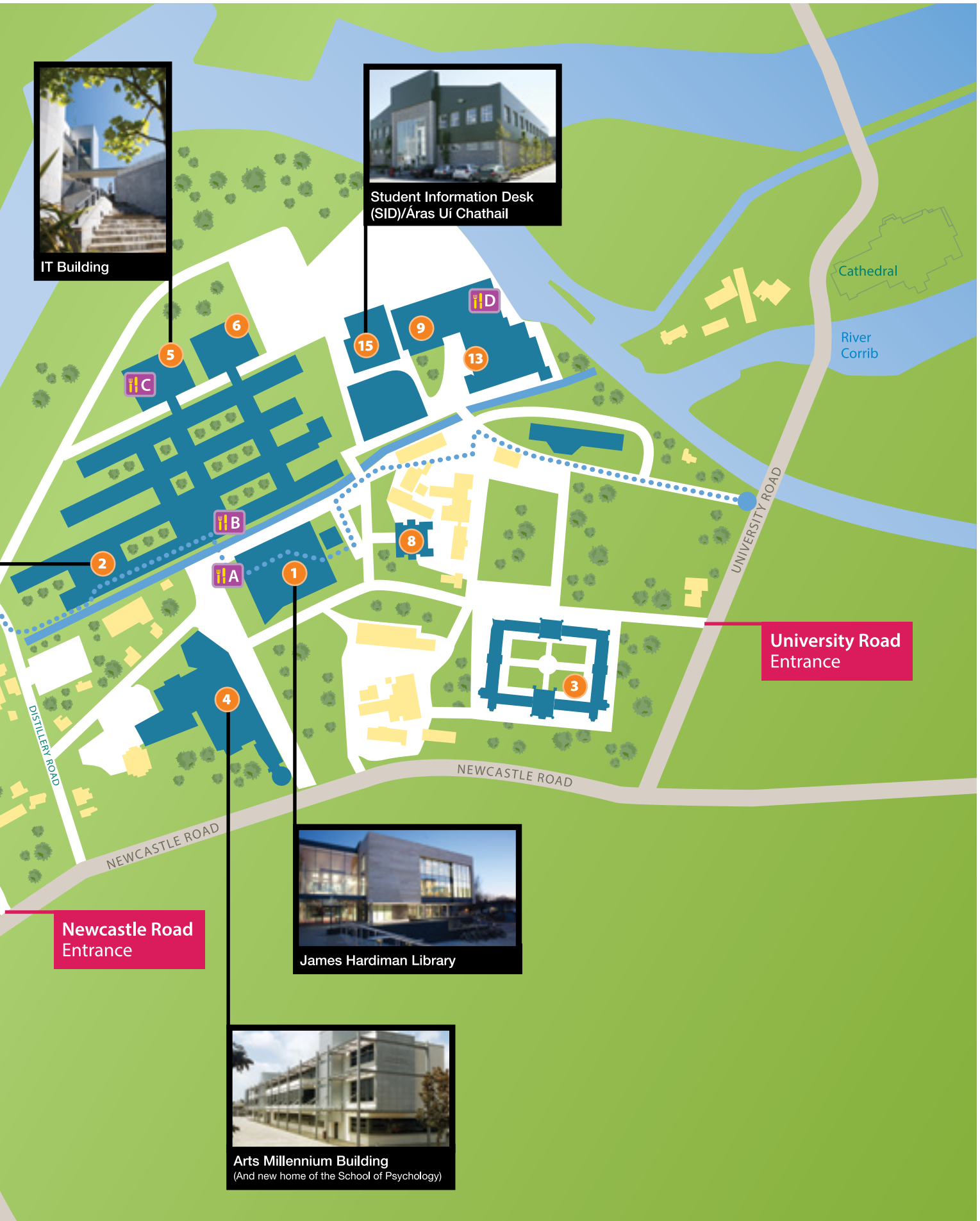
J.E. Cairnes School of Business and Economics



IT Building



Student Information Desk (SID)/Áras Uí Chathail



Cathedral

River Corrib

UNIVERSITY ROAD

University Road Entrance

NEWCASTLE ROAD



James Hardiman Library



Arts Millennium Building  
(And new home of the School of Psychology)

Newcastle Road Entrance





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 [youtube.com/thinkingaboutnuig](https://youtube.com/thinkingaboutnuig)