UNDERGRADUATE PROSPECTUS 2017 ~ Réamheolaire Fochéime 2017

CHOSE NUI GALWAY

OPEN DAYS
7th & 8th October 2016
1st April 2017

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

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

CAMPUS TOURS
Contact us to arrange
a tour of the campus,
guided by one of our
Student Ambassadors

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Pinterest: nuigalway
LinkedIn: nuigalway
YouTube: thinkingaboutnuig

Find out more:
www.nuigalway.ie/opendays
www.nuigalway.ie/courses
www.nuigalway.ie/information-evenings
www.nuigalway.ie/summer-schools
www.nuigalway.ie/cao

www.nuigalway.ie
UNDERGRADUATE PROSPECTUS 2017 ~ Réamheolaire Fochéime 2017

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www.nuigalway.ie/cao
Welcome to NUI Galway

Bienvenue Willkommen Selamat Datang Fáilte Witam

Irish Centre for Human Rights
Human School of Film & Digital Media
Clinical Science Institute
Lamb Institute for Translational Research and Web
Ryan Institute (North Ryan building)

Áras na Mac Léinn and Baile Átha Fheada
The Quigleys
University Hospital Galway
NYU Centre for Drama, Theatre & Performance
NYU Human Biology building (opening 2017)
Area US Duthail / Student Information Desk (SID)

Áras na Gaeilge
James Hardiman Library
Orion building
Arts Millennium building
School of Psychology
Arts/Science Building
IT Building
Sports Centre
Áras Moyola
J.E. Cairnes School of Business and Economics
Engineering building
Institute of Life Course and Society
Corrib Village student accommodation
Biomedical Sciences

Connect with NUI Galway
facebook.com/nuigalway
twitter.com/nuigalway
instagram.com/nuigalway
pinterest.com/nuigalway
linkedin.com/company/nui-galway
youtube.com/thinkingaboutnuig

nuigalway
Did you know?

NUI Galway are in the Top 250 universities in the world in the QS Rankings 2015. NUI Galway is also in the Top 200 list of the most international universities in the 2015-16 THE World Rankings.

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

95%
We are one of Ireland’s top universities for graduate employability, with over 95% of our graduates working or in further study within six months of graduating.

Our student completion rate is 87%
We are leading the way in student volunteering and civic engagement. More than 4,000 students gave 30,000 hours of voluntary activity in the last year.

10%
We rank among the top 2% of universities in the world for the quality of our teaching and research.

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

Our Support Network
- Accommodation 158
- Support Services 160
- Your Money 162
- Scholarships 163
- Your Learning Environment 164
- Your Societies 166
- Your Sports Clubs 167
- How to Apply 168
- Useful Contacts 179
- Campus Map 180

Contents

College of Arts, Social Sciences, and Celtic Studies 28

Acadamh na hOllscoilechairt Gaeilge 75

College of Business, Public Policy and Law 86

College of Engineering and Informatics 104

College of Medicine, Nursing and Health Sciences 124

College of Science 136
Choose 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 ranked in the top 2% of universities in the world for the quality of its research and teaching.

We offer a number of undergraduate courses where we have unique strengths and are leading the way – Biomedical Science, Marine Science, Creative Writing, Theatre and Performance and Maths and Education.

NUI Galway has also moved to the Top 200 list of the most international universities in the world, in the Times Higher Education (THE) World University Rankings 2015-2016.

Find out more: www.nuigalway.ie/cao
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.

Some of our new facilities include:
• A new centre for Drama, Theatre and Performance is currently just complete
• A new building for Medicine students is near completion
• A state-of-the-art Sports Centre
• A dedicated Student Centre and Cultural Hub
• Ireland’s largest School of Engineering, opened in 2011
• A brand new School of Psychology, opened in 2014
• The Hardiman Research Building – a new facility for Arts, Humanities and Social Sciences students, opened in 2014
• A brand new building for Biomedical Science Research, opened in 2014
• The Institute of Lifecourse and Society building, opened in 2014

Find out more: www.nuigalway.ie/about-us/who-we-are/the-campus/
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 life 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.

NUI Galway Mechanical Engineering Student Niamh Keogh unveils ‘the Geec’ (Galway energy-efficient car) at NUI Galway.

Find out more:

www.socs.nuigalway.ie
www.nuigalway.ie/cki
www.su.nuigalway.ie
www.nuigalway.ie/student-connect
Global University

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

We have a total of 3,000 International students from 115 countries, which accounts for 20% of the overall student population.

NUI Galway is ranked in the Top 100 most international universities in the world according to the Times Higher Education.

We have student exchange programmes with over 200 international universities around the world, and also have a global community of staff. 35% are from overseas, coming from 45 countries worldwide.

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
www.nuigalway.ie/international-students
Inspirational Teaching

Dr. Eoin Daly
Eoin Daly lectures in the School of Law. He is interested in how the Constitution of Ireland, as the basic law of the State, is influenced by and intertwines with Irish history, politics and society. His publications look critically at the ways in which Irish law balances the rights of religious and non-religious people.

Professor Laoise McNamara
Dr. Laoise McNamara implements teaching methods to promote student engagement and to encourage Biomedical Engineering students to become independent thinkers. She inspires students through research-led teaching to realise their potential as future innovators who will design medical devices and technologies.

Professor Patrick Lonergan
Patrick is 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 advising to the IMF and Director of the Central Bank of Ireland – inspiring students to think about real-world challenges in new and different ways.

Dr. Louise Allcock
Louise is a marine zoologist working in polar and deep-sea environments and a member of the IUCN Species Survival Commission. Louise uses research-led teaching to inspire students to deeper knowledge to enable them to solve real-world problems in natural sciences.

Dr. Aaron Potito
Head of the School of Geography and Archaeology where field-based research practices feed directly into field-based and research-led teaching and learning at all levels.

Find out more:
www.nuigalway.ie/cao/worldclass-teaching
www.nuigalway.ie/cao/worldclass-teaching/whatourlecturerssay
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

1,924

Your Career

NUI Galway is one of Ireland’s top two universities for graduate employability, with 95% of our graduates employed or in further study within six months of graduating.

Did you know?

431

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

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

Find out more:

www.nuigalway.ie/careers

What our employers say

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

Keith Stephens, Management Consultant, Accenture

In 2017 NUI Galway will launch an Employability Award. This scheme will provide a framework to recognise your work based learning.

NUI Galway graduate employability rate increase year-on-year

<table>
<thead>
<tr>
<th>Year</th>
<th>% of graduates working or in future study within six months of graduating</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>92%</td>
</tr>
<tr>
<td>2011/12</td>
<td>93%</td>
</tr>
<tr>
<td>2012/13</td>
<td>93%</td>
</tr>
<tr>
<td>2013/14</td>
<td>95%</td>
</tr>
</tbody>
</table>
We are committed to attracting bright, ambitious students and nurturing their talents through our extensive range of scholarship programmes.

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
• Athlete Scholarship

Find out more:

See page 165
www.nuigalway.ie/scholarships/
www.sports.nuigalway.ie/sports/elitesport/
Sport

Sport is central to life at NUI Galway, and our excellent facilities offer you a chance to balance your academic study with a wide range of sporting activities. 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.

Our state-of-the-art facilities include:
- Six-lane, 25 metre swimming pool
- National League basketball arena and sports hall
- 100-piece cardiovascular gym with 35 pieces of resistance equipment
- Dedicated elite training gym
- Two fitness studios
- Squash courts
- Racquet-ball courts
- Competitive climbing wall
- Saunas and steam room

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

Find out more:
See page 167
www.nuigalway.ie/sports
There are lots of benefits to getting involved in student life:

- Students who get actively involved in student life are happier and as a result more productive and successful in their studies.
- At NUI Galway, our student completion rate is 87%.
- Joining a Society will help you make friends, learn new skills, pursue your interests, and broaden your horizons.
- You can also get involved in volunteering or 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.

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:

- www.nuigalway.ie/alive
- www.nuigalway.ie/university-life
- www.socs.nuigalway.ie
- www.nuigalway.ie/student-life/student-support
- www.su.nuigalway.ie
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.

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.

Galway is an exciting place to be a student. It is big enough to have everything – shopping facilities, theatres, restaurants, music venues and sports facilities – while small enough to feel intimate and welcoming.

Students benefit from all the facilities that a modern city has to offer including extensive shopping outlets and entertainment venues, cinemas, cafes and restaurants, nightclubs and an abundance of music venues. Galway is also the most international place in Ireland with one in four people born outside of the state.

Find out more:

- www.giaf.ie
- www.galwayraces.com
- www.druid.ie
- www.galwayfilmfleadh.com
- www.galwaycomedyfestival.com
- www.galway2020.ie
- www.galwayfoodfestival.com
Study Abroad

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.

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

- We have student exchange programmes with over 200 international universities around the world, and also have a global community of staff, 35% are from overseas, coming from 45 countries worldwide.
- 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, Australia, China, Hong Kong, Mexico and Chile.

Find out more:

www.nuigalway.ie/international
Blackstone LaunchPad

Do you have an idea? Would you like to start something? Do you have a business up and running already?

Would you like to solve everyday problems and make a better world for all of us?

Or would you like to be part of a team, discover something new, make new friends and have fun doing so?

If you answer yes to any of these questions, Blackstone LaunchPad at NUI Galway is here for you. We provide space, resources, coaching and events. We are here to help you take the very next step.

Pictured left is Edel Browne, second year Biotechnology student, part-time entrepreneur, winner of Student Enterprise Award for 2016, and founder of Free Feet – supported by Blackstone LaunchPad.

Find out more:

www.nuigalway.ie/blackstonelaunchpad
College of ARTS, SOCIAL SCIENCES, AND CELTIC STUDIES

The College of Arts, Social Sciences, and Celtic Studies is at the cutting edge of new thinking in every subject offered within our programmes. Our degrees are designed to inspire your intellectual curiosity, build your capacity for creative and critical thinking, and equip you for the fast-changing work environment of the future.

GY101 BA (Joint-Honours) 32
GY101 BA (International) 32
GY101 BA (Busa/Bs Íomáil) 32
GY110 BA with Children’s Studies 60
GY111 BA with Creative Writing 61
GY112 BA with Film Studies 62
GY113 BA with Human Rights 63
GY115 BA with Performing Arts Studies 64
GY119 BA with Journalism 65
GY103 BA (Public and Social Policy) 69
GY104 BA (Psychology) 70
GY105 BA (History) 71
GY109 BA (Mathematics and Education) 72
GY118 BA (Drama, Theatre and Performance Studies) 66
GY120 BA (Child, Youth and Family: Policy and Practice) 67
GY121 BA (Children’s Studies) 68
GY123 BSc (Applied Social Sciences) 73

Minimum Entry Points given on the ‘Course Facts’ panel of the following pages are based on 2016 entry. A new Leaving Certificate grading scale, using fewer broader grade bands, will be introduced in 2017.
Which Arts degree programme is right for you?

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 350 different two-subject combinations (shown on the table on page 35) 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.

Available for students of the BA (Joint-Honours) is the opportunity to study a four-year programme in Gaeltacht along with a subject.

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 programme 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.

BA (Bua)/BA (Bua Idimhaisint)

From September 2017, the study of Gaeltacht to degree level at NUI Galway will involve a four-year programme. As a student of Gaeltacht, you will spend third year off-campus, with one semester in the Gaeltacht and the other Semester on a work placement in the Irish language sector. The experience will enhance your linguistic and research competencies and priorities career readiness. As you will be registered for a two-subject BA (Joint-Honours) programme, you must also undertake a workload in your second subject during the Gaeltacht experience year (third year) in order to progress to the final year of the BA (Bua).

Entering through the CAO points system under the code GY101, students choose Gaeltacht and two other subjects in first year and then progress with Gaeltacht and one other subject into second year. If you decide to choose a modern continental language with Gaeltacht, you will spend a single semester on an Erasmus exchange and/or applied placement overseas, in addition to a single semester in a Gaeltacht setting.

Students registering for a BA CONNECT programme with Gaeltacht will, where possible, be accommodated with a placement in the Gaeltacht; however, the Year Three requirements of the CONNECT specialism must be prioritised.

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 39 for a specific breakdown and further information on the programmes available.

Bachelor of Arts with:

GY110 Children’s Studies
GY111 Creative Writing
GY112 Film Studies
GY113 Human Rights
GY115 Performing Arts Studies
GY119 Journalism

GY118 Bachelor of Arts (Child, Youth and Family: Policy and Practice)
GY120 Bachelor of Arts (Child, Youth and Family: Policy and Practice)
GY121 BA (Children’s Studies)
GY123 BSc (Applied Social Sciences) Literature and Music

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.

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/study abroad 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)
GY106 Bachelor of Arts (Mathematics and Education)
GY118 Bachelor of Arts (Drama, Theatre and Performance Studies)
GY120 Bachelor of Arts (Child, Youth and Family: Policy and Practice)
GY121 BA (Children’s Studies)
GY123 BSc (Applied Social Sciences)

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.

Note: Subjects in blue are only available as part of a BA CONNECT programme.

Note: The subject Cumarsáid is only available to students of the BA (Cumarsáid agus Gaeilge).

Note: Drama and Theatre Studies is only available to students on the BA (Drama, Theatre and Performance Studies).

Group One

Archeology
French
Mathematics

Group Two

Law
Psychology
Celtic Civilisation
Human Rights
Film Studies

Group Three

Classics
Geography
German
Irish Studies

Group Four

English
Economics
Children’s Studies

Please see the footnotes on page 33 for specific information.

30
31
Bachelor of Arts (Joint-Honours)

This is a highly flexible programme, offering you a wide range of two-subject combinations to degree level. See the table on page 35 for a list of 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 dedicated 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 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 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.

**Work-related experience**

Throughout your studies in 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 work 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.

**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. The College of Arts has a number of structured PhD programmes that 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/postgraduate-courses/

**Career prospects**

Arts graduates can be found in almost every walk of life, and BA graduates from NUIGalway occupy leading positions in commercial, social, educational, and public organisations at home and abroad. The website below gives examples of graduates who have been selected for prominence in their field.

www.nuigalway.ie/artscao/career_why

Learn more: http://tinyurl.com/nuigalwayarts

**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.

**Group One**

- Archaeology
- Dutch
- Engineering

**Group Three**

- Classics
- Geography
- Irish Studies
- Information Technology

**Group Five**

- Sociological and Political Sciences
- Economics

**Group Six**

- History
- Spanish

**Group Two**

- Law
- Philosophy

**Group Four**

- Celtic Civilization
- English

**Group Seven**

- Gaeltacht
- Italian
- Philosophy

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 36-58 for descriptions of subjects.
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 12 weeks in each of the countries or regions where the relevant languages are spoken. This will usually consist of an academic year abroad arranged by the University in one language and a summer placement arranged by the student in the other country or region. Non-language students may also take a BA (International) by spending a year abroad in China or North America, or on European exchanges where programmes are available through English.

Bachelor of Arts (International) programme structure

The four-year programmes involves students spending a period of study in another country in the third year of the programme before returning to complete their final year.

Please refer to pages 32 - 34 for full programme details.

Subjects

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

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
Engish
French
Geography
German
History
Information Technology
Irish Studies (Literature and Music)
Italian
Léann an Aistriúcháin
Léann na Cumarsáide
Law
Mathematics/Mathematical Studies
Philosophy
Psychological Studies
Sociological and Political Studies
Spanish

Subject combination available
Subject combination not available
**BA (JOINT-HONOURS) Archaeology**

Why study Archaeology?
Ancient civilisations are endlessly fascinating. From the sophistication of Neanderthal to the tenant houses of the Great Ferrara, humans have pushed the boundaries of what is possible. By studying how humanity has adapted to vastly different environments and how various civilizations have attempted to survive and develop, we are, in fact, studying ourselves. 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.

Work placement
A number of places are available each summer for selected students to participate on archaeological excavations and field projects. Alongside this, field-selected students to participate on archaeological field classes, in particular, were interesting and allowed me to put into practice ideas and techniques learned in the library and classroom in an actual working environment.

International links
Archaeology’s lecturing staff are members of a number of international research clusters and are widely published. You will have the option of taking Erasmus with one of our European partner Universities, including Charles University, Prague and Glasgow University. Erasmus allows you to study for up to a year abroad as part of your degree. If you study a European language, you will also have the option to study Archaeology in a European country.

Career prospects
There is a growing understanding of Archaeology’s significance for present-day communities, including its cultural, educational, tourism and amenity importance. Following appropriate postgraduate study or training, there are a number of career opportunities available for Archaeology graduates, both in Ireland and abroad, whether it is with the State museum and archaeological services, local museums or in commercial archaeology. Employment opportunities also exist in the wider heritage and tourism sectors.

Further study
Higher Diploma in Archaeology MA (Landscape Archaeology) MPhil PhD

**Why study Celtic Civilisation?**

2,500 years ago, Celtic culture formed the backdrop to most of western and central Europe and much of Eastern Europe. Today only in the far west of Europe do we recognise cultures, societies and nations with a direct legacy of that Celtic heritage. But the influence of Celtic culture is embedded in European history and modern culture. Studying Celtic Civilisation leads you into the world of that heritage, in history, literature, society, customs and beliefs. You are taken on a journey into a hidden history of Europe and European identities and ideas in Ireland, Wales, Scotland and elsewhere.

International links
Studying Celtic Civilisation gives you options in your third year of enhancing your experience of the subject by taking a year abroad at universities in Wales, Scotland, Brittany, Germany, Sweden and the Netherlands, among other locations.

Career prospects
Depending on your subject combinations, Celtic Civilisation gives opportunities for career development in the media, publishing, heritage, teaching or academia through a wide range of arts subjects.

**Course Outline**

First Year
Three courses are offered in First Year: Archaeology; one explores the early prehistoric settlement of Ireland in its European context from about 8000BC to about 6000BC, while another covers the archaeology of Ireland from late prehistoric times to the Anglo-Norman period. A third course explores some of the key discoveries, questions and themes in the modern practice of Archaeology.

Second Year
This year of the programme offers a wide range of core and optional courses, which include themes like ‘Hunters and Farmers in Early Europe’, ‘Castles, Castor and Crannog’, ‘Archaeology in Practice’ and ‘Ancient Civilizations’.

Final Year
Final year of the programme also offers a wide range of core and optional courses, which include ‘Public Archaeology’, ‘Europe in the Iron Age’, ‘The Development of the Castle in Medieval Europe’ and a minor dissertation.

**Course Facts**

**CAO Code:** CY101
**Course Level:** 8
**Duration:** 3 years (BA Degree)
**3 years (BA Degree)**
**Minimum Entry Points:** 300
**Minimum A-Level Grades:** See www.nuigalway.ie/alevels
**Leaving Certificate Entry Requirements:** Minimum Grade H5 in two subjects and passes in four other subjects at O6/H5 in the Leaving Certificate, including Irish, English, another language and three other subjects recognised for entry purposes.
**A-Level/GCSE Entry Requirements:** See page 171 and 172 for matriculation entry requirements.

**key fact**

Archaeology is the only way to explore over 8,000 of the 10,000 years of human activity in Ireland. The hinterland around Galway has some of the best preserved archaeological landscapes in the world, allowing Archaeology’s staff to carry out innovative research and teaching.

**Find out more:**
Dr Kieran O’Connor
First Year Co-ordinator;
Dr Carleton Jones
kieran.oconnor@nuigalway.ie
carleton.jones@nuigalway.ie
www.nuigalway.ie/archaeology

I have always wanted to study Archaeology and have immensely enjoyed my time doing this at NUI Galway. My course gave me the opportunity to develop core skills in academic writing, presenting and research, as well as learning about the development of society from earliest times onwards. The field classes, in particular, were interesting and allowed me to put into practice lessons taught in the lecture theatre. Archaeology’s lecturers were always approachable and have a well-deserved international reputation for excellence in their respective fields.

Deanna Lee
**BA (Joint-Honours) Classics**

**Why study Classics?**

Classics is the study of the origins and early development of language, literature, art and thought. Students are usually complete beginners to this fascinating and challenging subject. We begin with the earliest known civilisations of Europe, centred on ancient Greece and Rome. In the first year, course, you read Greek myths and Roman poetry while studying the art and architecture created in those societies. In the module ‘Written Words and Spoken Languages’ you study the origins and development of languages and written communication. Finally, ‘Classics in Twenty Objects’ gives you a tour of Classical studies from the Ancient Mediterranean to Renaissance Europe by focusing on surviving artefacts and monuments.

In second and final year Classics you will have the opportunity to pursue more specialist studies in such fields as art and architecture, language and literature, national histories, and the Classical tradition. It is a popular option to begin studying the Latin or Greek language at this stage, and many of our students continue with this path and progress to postgraduate work and research.

**International links**

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

**Career prospects**

Classics provides an ideal springboard for creative and cultural careers, and many of our graduates go on to such areas as intercultural work, heritage, publishing and communications, public service and education.

**Further study**

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

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**BA (Joint-Honours) Economics**

**Why study Economics?**

Economics is an exciting and challenging area of study and has never been more relevant for so many people. Studying Economics gives you an insight into the many economic relationships in the real world around you. It provides an introduction to the analytical tools you need to help you to explore and understand these fascinating relationships. It gives you 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.

**International links**

As part of the BA (International) programme, you may have the option in your third year to study Economics abroad in a European university which teaches through English. For example, students recently have spent a year in universities in Germany, Sweden and the Netherlands.

**Career prospects**

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

**Further study**

- MSc (International Finance)
- MSc (Health Economics)
- MA/MEconSc (Natural Resource Economics and Policy)

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**DIYD YOU KNOW?**

The earliest surviving example of the Greek language in Ireland is a carved prayer on a tree, dating to the 4th century BC. By the 5th century BC, the first inscriptions are found in the Book of Kells, a manuscript created in the monastery of Iona, Scotland.

**FIND OUT MORE:**

- BA (Joint-Honours) Classics: www.nuigalway.ie/classics/
- BA (Joint-Honours) Economics: www.nuigalway.ie/economics/

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**YOU MIGHT ALSO BE INTERESTED IN:**

- MA (Mediterranean Studies)
- MA (Ancient History and Archaeology)
- MA (Archaeology and Heritage) Structured PhD in Archaeology

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**FIND OUT MORE:**

- Professor Michael Clarke
  Discipline of Classics
  School of Languages, Literatures and Cultures
  michael.clarke@nuigalway.ie
  www.nuigalway.ie/classics

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**NEW FOR 2014**

- NUI Galway has a long and proud tradition of research-led teaching in Economics that is of international standing. We teach university-level Economics from a basis upon which you do not need to have studied Economics before (e.g., at Leaving Certificate level). Most of the students who are studying Economics have not taken the subject before.

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**KEY FACT**

- NUI Galway has a long and proud tradition of research-led teaching in Economics that is of international standing. We teach university-level Economics from a basis upon which you do not need to have studied Economics before (e.g., at Leaving Certificate level). Most of the students who are studying Economics have not taken the subject before.

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**FIND OUT MORE:**

- Dr Aidan Kane
  Director of Undergraduate Studies in Economics
  aidan.kane@nuigalway.ie
  www.nuigalway.ie/economics
**Why study French?**

French is one of the most widely spoken languages in the world, both as a first language, mainly in Europe and North America, and as a second language globally, including in many parts of Africa. Students of French acquire a high level of written and speaking skills so that they can communicate accurately and effectively. Cultural production in the French language is particularly rich, and students broaden their cultural knowledge and understanding by exploring French and Francophone sociocultures.

**International links**

By definition, French is an international subject, and so our students have the opportunity to spend their third year at a university in France or Belgium, or teaching in a French school. In addition, French has the third most useful language for business, as the third most useful language for business, and finds use in a wide variety of situations, both in Ireland and abroad, including education, administration, media, marketing, translation and interpreting.

**Further study**

MA (French) (Advanced Language Skills) 
MA (International Contemporary Literature and Media) 
MA (Translation) 
Structural PhD in French

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**Key Fact**

English is one of the most popular and livelier subjects at NUI Galway. We have 172 for matriculation entry requirements: See page 171 and 172 for matriculation entry requirements.

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Studying English at NUI Galway has been greatly rewarding; I found the modules on offer intriguing and multi-dimensional. With its friendly and well-equipped campus, there are any number of reasons to choose undergraduate English at NUI Galway.

Leigh Jordan
Students on our geography programme are engaging with some of the key challenges facing our globe and future generations. Geographers are urgently needed to help understand dynamic and relevant issues such as global warming, energy and food security, the causes and consequences of migration, the spread of diseases, the management of flooding and other risks, and the impacts of economic policies.
German

Why study German?

German is the native language of about 100 million people, and 28% of all Europeans speak German in Germany, Austria, Switzerland and elsewhere. Germany is the most important trading partner of all European and many non-European countries. Speaking German is a key for success in the job market – in Ireland, in Germany and in the European Union. German is the second most important language in the field of science. 18% of all books worldwide are published in German, and Germany is currently one of the most important languages on the internet. The German-speaking countries situated in the heart of Europe have contributed immensely to European culture in all areas, be it literature, philosophy, music, art, or architecture. Discovering Goethe, Brahms, Beethoven, Martin Luther, Karl Marx or Sigmund Freud is a fascinating intellectual adventure!

Work placement

Students of German at NUI Galway typically spend a year abroad in Germany or Austria on the Erasmus exchange programme, either as a full-time student or on an Erasmus internship, which would typically be with a school or university, but self-organised internships with a German or Austrian company can also be supported through this scheme. Whether through study or a work placement, you will significantly enhance your linguistic abilities and your intercultural skills. A placement abroad also means that you will be eligible, at the successful conclusion of your studies, for the award of the BA (International) degree, reflecting this additional experience.

International links

Third Year of the BA International is spent studying at one of the following German universities: Augsburg, Bamberg, Berlin, Bochum, Dresden, Frankfurt, Freiburg, Leipzig, Mainz or Würzburg. The year abroad allows you to reach a high degree of fluency in German and to enjoy valuable intercultural experiences.

Careers

Former students are employed in language and literature teaching at primary, secondary and third level, and in private language colleges, journalism, television, radio, media, arts administration, interpreting, technical translation, multilingual secretarial and reception work, tourism and the diplomatic service.

Further study

MA (German)
MA (German Studies)
MA (Advanced Language Skills) (German)
MA (Translation Studies)
PhD German

Why study History?

To understand the modern world, we need to understand the past. As a student of History at NUI Galway you will explore a wide array of topics, from the histories of Ireland, Britain, and continental Europe, to North America, Australasia and Africa. You will study a wide variety of themes such as nationalism, colonialism, slavery, childhood, gender, and war, and many different time periods, from the Middle Ages to the end of the twentieth century.

As a History student you will learn not only about what happened in the past, but will be trained in techniques that are invaluable in today’s labour markets. You will learn how to source information in libraries, archives and on the internet how to test the accuracy of a claim against the available evidence, and how to formulate a coherent argument and express it effectively. Students entering History have also gained an important long-term perspective on all Arts subjects by examining the social, political, economic and cultural developments that shaped the world from the Middle Ages to the present day.

Studying History is also an excellent stepping stone towards postgraduate study – History students frequently progress to one of the MA courses listed below, and several go on to the structured PhD programme.

Further study

MA (History)
MA (Medieval Studies)
MA-Irish Studies – Literature and History
MA (Culture and Colonialism)
MA (Journalism)
MA (Irish Theatre History and Archives)
MA (Digital Media)
MA (Texts, Technologies and Transitions)

BY (J OINT-H OUNOURS) History

Year One

Studies from the Middle Ages to the end of the twentieth century: the history of Ireland, Britain and continental Europe, from the Middle Ages to the twentieth century. As a student of History at NUI Galway you will explore a wide array of topics, from the history of Ireland, Britain, and continental Europe, to North America, Australasia and Africa. You will study a wide variety of themes such as nationalism, colonialism, slavery, childhood, gender, and war, and many different time periods, from the Middle Ages to the end of the twentieth century.

Why study History?

The kind of research, writing and analytical skills that you will acquire as a History student are highly valued in the modern workplace. Our recent graduates have gone on to work in a variety of different fields, including journalism, law, archives, public service, arts administration, publishing, teaching, speech writing and management. Studying History is also an excellent stepping stone towards postgraduate study – History students frequently progress to one of the MA courses listed below, and several go on to the structured PhD programme.

Further study

MA (History)
MA (Medieval Studies)
MA-Irish Studies – Literature and History
MA (Culture and Colonialism)
MA (Journalism)
MA (Irish Theatre History and Archives)
MA (Digital Media)
MA (Texts, Technologies and Transitions)
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.

Why study Information Technology?

By studying Information Technology, you will develop the cognitive and applied skills needed for the design, application and support of computerised systems. Taken in combination with another Arts subject, the study of Information Technology provides a well-rounded, third-level education, matching the needs of the Information Technology field and providing you with valuable vocational skills.

Course outline

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

Career prospects

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

Irish Studies (Literature and Music)

Why study Irish Studies (Literature and Music)?

Irish Studies (Literature and Music) provides an integrated interdisciplinary programme of learning for students with a particular interest in modern and contemporary Irish culture. The literature strand of the programme explores Ireland’s most accomplished writers in Irish and in English from the nineteenth century to the present, with Irish language material presented in translation. The music strand provides a historical and theoretical approach to Irish music (and dance) practice during the same period, spanning traditional and popular genres.

International links

The Centre for Irish Studies has undergraduate links with European partners in A-Conqua, Delft, Leuven, Liverpool, Paris and Prague, and with Concordia University in the United States.

Career prospects

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

Further study

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

KEY FACT

In the US News ‘100 Best Jobs of 2016 listing, Computer Systems Analyst was ranked third in the listing.
http://money.usnews.com/careers/best-jobs/rankings/the-100-best-jobs

FIND OUT MORE:
Information Technology Discipline, NUI Galway
+353 91 493143
infoit@nuigalway.ie
http://www.nuigalway.ie/engineering/informatics/information-technology

Because Information Technology is such a broad subject, the Arts programme allows students a chance to learn about all fields of IT, and choose their favourites. For me, I found an unexpected love for computer programming and the problem solving that goes along with it! I would highly recommend all Arts students to consider taking IT as a subject because it’s a chance to try something new, and to learn about an unfamiliar subject.

Tracey McEvoy, BA Graduate

The intimate nature of the course, the superb assistance provided and the wonderful enthusiastic lectures made it a joy to attend Irish Studies seminars. The material covered would enlighten anyone with an interest in Irish history, poetry, culture and all other things Irish. You won’t be disappointed and it will remain with you as a life-shaping experience.

Ian Mac Carluis

course facts

CAO Code: CY101
Course Level: 8
Duration: 3 years (BA Degree) 4 years (BA International Degree)
Minimum Entry Points 2016: 300
Minimum A-Level Grades: See www.nuigalway.ie/alevels

Leaving Certificate Entry Requirements: Minimum Grade H5 in two subjects and passes in four other subjects at Ordinary Level in the Leaving Certificate, including Irish, English, and two other subjects recognised for entry purposes.

A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements.

course facts

CAO Code: CY101
Course Level: 8
Duration: 3 years (BA Degree) 4 years (BA International Degree)
Minimum Entry Points 2016: 300
Minimum A-Level Grades: See www.nuigalway.ie/alevels

Leaving Certificate Entry Requirements: Minimum Grade H5 in two subjects and passes in four other subjects at Ordinary Level in the Leaving Certificate, including Irish, English, and two other subjects recognised for entry purposes.

A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements.
find out more:
• You will be exposed to course facts
• You will acquire valuable key facts
• You will receive personal requirements.

BA (JOINT-HONOURS) Italian

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

Work placement As part of the BA (International) Degree, in your third year you will have the opportunity to spend one semester in Italy teaching English. This work placement is facilitated by the discipline of Italian in collaboration with the Department of Education and Italian organisations. In the last semester of final year, you will be given the opportunity to enrol in Community Based Learning, in which you will teach Italian to primary school students in selected primary schools in the Galway area.

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

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

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

Simon O’Mara, BA International (Italian and French)

I hugely enjoyed my time doing the BA in Italian. The classes were fun and interactive, the staff were always friendly and approachable and the opportunity to spend a year abroad, seeing a new culture first-hand, made it an incredible experience that I would recommend to any prospective students.

BA (JOINT-HONOURS) Law

Why study Law? The BA (Joint-Honours) in Law programme gives students the opportunity to combine the study of law with the study of other Arts subjects. In first year, students take Law as one of their three subjects and they take two other subjects from the Arts group of subjects (see page 33). The average class size in first year is 250.

In Second Arts, there is a limit of 100 on the number of students admitted to Law. Places are allocated on academic merit, based on the results in the First Arts examination in Law (see footnote No. 5 on page 33). The BA Joint Honours gives you a solid grounding in law while providing you with a well-rounded degree. There is a wide variety of subjects to choose from. Furthermore, those who wish to qualify as a solicitor or barrister may proceed into the final year of the LLE programme in NUIGalway so that they can complete the 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 BA degree in Law is a recognised qualification for many careers, including working in journalism, the civil service, administration, non-governmental organisations and private industry.

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

Further study www.nuigalway.ie/law/courses

Simon O’Mara, BA International (Italian and French)

I decided to study law through Arts because I was drawn to a career in international law and human rights. Choosing the Arts route gave me the flexibility to study a variety of law subjects while also developing my language skills, and to approach the law from a more multidisciplinary basis.

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

COURSE OUTLINE

Year One
• Irish Legal System
• Law of Torts
• Legal Skills
• Plus two other subjects from the Arts subject groupings

Year Two
• Administrative Law
• Criminal Law
• European Union Law
• Law of the Sea

Year Three
• Labour Law
• Constitutional Law
• Contract Law
• Human Rights

Year Four
• Language II
• Italian Culture and Society II
• Italian Children’s Literature
• Community Based Learning

I decided to study law through Arts because I was drawn to a career in international law and human rights. Choosing the Arts route gave me the flexibility to study a variety of law subjects while also developing my language skills, and to approach the law from a more multidisciplinary basis.

Ruth Cormican, a graduate of the School of Law at NUIGalway, has been awarded a prestigious Fulbright Scholarship to study for an LLM in International Human Rights Law at the University of Notre Dame in the United States. She will spend the summer on a summer internship programme in Suffolk University Law School in Boston working with two criminal justice NGOs: Prisoner Legal Services and the New England Innocence Project.
Why study Learn an Aistriúchán?
Learn an Aistriúchán/Translation Studies can be taken as a subject on the GY101 BA (Joint Honours) programme. This subject is taught fully through Irish and forms part of a three-year degree programme. This degree subject will assist you in your development as a critical thinker and in your ability to analyse a wide range of subject matter. In addition, if you choose Learn an Aistriúchán/Translation Studies, you will benefit from a finely balanced combination of academic study and practical training in the areas of translation and precision writing in Irish.

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

Vénue
Learn an Aistriúchán/Translation Studies is delivered in a central location on the NUI Galway campus in Galway City.

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

Graduates of Learn an Aistriúchán/Translation Studies also obtain employment in the following areas:
- translation companies/agents
- the media
- Irish language organisations
- self-employment
- state organisations

Course Facts
- BA (Joint-Honours) Léann an Aistriúcháin
- Course Code: GY107 or GY101
- Level: 2
- Duration: 3 years (BA Degree) 4 years (BA International Degree)
- Minimum Entry Points 2016: 201
- Minimum A-Level Grades: See www.nuigalway.ie/levels
- Leaving Certificate Entry Requirements: Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 in the Leaving Certificate, including Irish, English, another language and three other subjects recognised for entry purposes.
- A-Level/GCSE Entry Requirements: See page 171.
- BA International Degree (BAI) and BA (Joint Honours) in Translation Studies: Internationalised, allowing you to spend one year of the four-year programme in a partner university.
The option to study media and communications through the medium of Irish is now available as part of the three-year joint honours Arts degree (GY101) at NUI Galway. This programme will help you develop as a critical and creative thinker capable of analysing a broad range of issues. In addition to that, if you choose Léann na Cumarsáide you will enjoy its balanced mix of academic study and practical, hands-on learning in journalism, television and radio production, broadcasting and multimedia.

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

Location
Léann na Cumarsáide is available on the University Campus in Galway City.

Career prospects
When you graduate you will be skilled in various aspects of television and radio production and broadcasting, print and online journalism, and multimedia and digital technologies. You will have a keen understanding of story structure and visual language, and you will be able to analyse the role of the media in contemporary society. This will give you a strong foundation on which to seek employment in the highly competitive media market, in RTE, TG4, BBC, local radio stations, independent production companies, media companies or public relations firms. This study of media through Irish, as part of a general arts degree, gives you a strong foundation for a career in politics, business, management, the non-profit sector, including NGOs and charity organisations, and the public service.
Why study Mathematics and Mathematical Studies?
Mathematics and Mathematical Studies at NUI Galway incorporate Mathematics, 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 measuring through the use of abstraction and analogy and by recognizing the fundamental role that comparisons play in the mental process of understanding. It is an area of great beauty based on highly evolved concepts and language. It provides a continuous link through the intellectual, cultural and technological development of the human race over the last 5,000 years.

If you choose to study Mathematics, by the end of your degree you will be highly valued by employers, with refined skills such as the ability to think rationally, process complex data reliably, and construct and use mathematical models. Other skills, such as presentation and report writing skills, are developed throughout the degree.

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

Careers
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.

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

Having honours maths in my degree made me a more serious candidate for any job I’ve applied for. It even helped me to get a job training sled dogs in Arctic Finland! Having maths combined with social sciences has been a great grounding for working in policy. Studying maths results in strong analytical skills and provides a good grounding in logical thinking.

Ciara Phelan – BA (Mathematics and Economics)
BA (JOINT-HONOURS)

Psychology

Psychology is a scientific subject that seeks to understand the human mind and the behaviour and experiences of humans. By studying psychology in NUI Galway, you will have the opportunity to develop insights into both yourself and those around you. As such, it will promote your personal development and your understanding of the human condition. Students of psychology develop expertise in designing research to address specific questions. The systematic approach to problem solving that you acquire during the training will stand you in your chosen career and means that graduates of Psychology are highly sought after across a range of sectors.

What will I study?

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

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

There are 100 places for students entering Psychological Studies in second year. Places will be decided on academic merit.

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

• Forensic psychology
• Abnormal and clinical cognitive psychology,
• Developmental psychology
• Biological psychology
• Health and social psychology

International links

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

The completion of the one-year Higher Diploma in Arts (Psychology Conversion) following the BA (Joint Honours) brings you to the same level as those studying Psychology in another university.

Why study Psychology?

Psychology then takes this evidence base and applies it to a range of other fields, including IT (e.g. cyber security), marketing, public relations, and enables you to pursue training that can allow you to practice as a psychologist in the future – for example, as a clinical, educational or health psychologist.

Career prospects

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

BA (JOINT-HONOURS)

Sociological and Political Studies

The School of Political Science and Sociology is unique in Ireland for offering two academic disciplines, including:

• Gender, Globalisation, and Rights
• Social Work
• Family Support
• Law

Further study

If you choose the four-year BA (International), you will have the opportunity to apply to study abroad for up to one year as part of your degree. We have established links with other international universities including Leuven University (KU Leuven) in Belgium, Helsinki University and Abo Akademi in Finland and Leiden University in the Netherlands.

Career prospects

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. With further postgraduate study, you will also now have the opportunity to teach the subject at second level in the new senior cycle Politics and Society.

Further study

Postgraduate opportunities provide further qualifications through the MA and PhD by research, including Leuven University (KU Leuven) in Belgium, as well as specialised Master programmes, such as the MA (Social Work), the MA (Family Support) and the MA (Gender, Globalisation, and Rights) at NUI Galway.

CONTACT DETAILS:
Dr Kieran Sarma
Director of Undergraduate Programmes in Psychology
+353 91 493266
kieran.sarma@nugalway.ie
www.nugalway.ie/psy/

Sarah Curry, PhD Student

COURSE OUTLINE

The School of Political Science and Sociology offers an interdisciplinary social science education. You will be introduced to basic concepts in political science and sociology, Irish and European identity and society, politics, political and social theory, social research methods and computer skills, European society and politics, public policy, and development theories and practices.

International links

With an outstanding team of staff and an extremely interactive environment, I have found that studying Sociology and Political Science in NUI Galway has been one of the best choices I have ever made. The course not only provides fantastic lecturing, but its openness and objectivity allows students to grasp what they have learnt and engage with the material, moulding their own concepts and theories. The fantastic language and feedback from the staff stitch is a staple of this course, further enhances the student’s ability to refine their views of the aspects they are engaging with.

Dylan Chambers, third year student BA (Political Science and Sociology)

KEY FACT

The President of Ireland, Michael D. Higgins, is a past graduate of the School of Political Science and Sociology, and a former lecturer in Political Science and Sociology at NUI Galway.

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KEY FACT

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BA (JOINT-HONOURS) Spanish

Why study Spanish?
Spanish is one of the three most spoken languages in the world, with over 400 million speakers. Learning Spanish opens up access to many other countries, new markets and exciting cultures. The ability to converse and write in Spanish offers a clear advantage to those working in areas such as business, tourism, education and information technology, to name but a few. Knowledge of Spanish will offer enhanced employment opportunities in both Ireland and abroad.

International links
At NUI Galway, we have links with universities in both Europe and Latin America. If you choose the BA (International) you will have the opportunity to spend Part II year at a Spanish university, receiving funding through the ERASMUS+ programme. In addition, we also have links with universities in Chile and Mexico and limited places will be available for students wishing to study in either of these countries.

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

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

Learn more: http://tinyurl.com/LanguagesNUIG

BA CONNECT programme structure

What is a BA CONNECT programme?
A BA CONNECT programme is a four-year BA degree that 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 Performing Arts Studies GY115
- 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 – 30 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. In first year, students take three subjects from the Joint-Honours BA menu, in addition to their chosen specialism.
2. Students registered for a BA CONNECT programme who study Gaeltacht as one of their traditional academic subjects will be accommodated as far as possible with a placement in the Gaeltacht to fulfil their specialism requirements first and foremost. However, when no suitable placements are available, the academic requirements of the specialism shall take priority.

CONTACT DETAILS:
- +353 91 492626
- spanish@nuigalway.ie

Céire Broderick, BA International (Spanish and French)
**BA CONNECT**

Bachelor of Arts with Children’s Studies

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. It draws on expertise from a wide range of areas, including literature, the creative arts, law, human rights, 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. Over the course of the degree, students are exposed to a wide range of disciplinary approaches to childhood, and theory-based modules are combined with practice-based learning.

**Work placement**

The third year of the degree incorporates a placement or placement and exchange, national and international work placements are possible. Students will work with or on behalf of children, and Children’s Studies students are encouraged to tailor their third-year work placements to their chosen career path. Students studying a language can carry out their placements abroad with the prior approval of the Programme Director.

**International exchanges**

The Children’s Studies with a language must spend a minimum of 12 weeks in a country where that language is spoken before they enter their final year. A number of exchanges with European universities are available to language students for this purpose, and students who opt to study abroad for a semester will be assisted by the Programme Director. Non-language students may also avail of an exchange with an English-speaking university. Selection for all university exchanges is based on academic performance in the first two years of study.

The programme has links with the International Youth Foundation (Belgium), the European Montessori (Belgium), College Ajaralari (Spain) and Batallyangues (France). Past students have also undertaken placements that have been placed as English language assistants at primary schools across Europe.

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 specialise in social care, child and family support, advocacy, the creative arts, primary school teaching, healthcare and community development. The particular options open to graduates vary enormously, depending on the language or languages they take with their specialism. Recent graduates are currently working in speech and language therapy, play therapy, social work and public policy, as well as teaching and educational support in Ireland and abroad.

**Further study**

Graduates are well situated to apply to postgraduate programmes with a focus on children. The BA with Children’s Studies equips students to apply for postgraduate study at a range of institutions. Students interested in child and family support services may apply to the MA (Family Support Studies) at NUI Galway’s Child and Family Research Centre. Depending on the subjects taken with Children’s Studies, graduates may also pursue postgraduate degrees in Arts Administration, Publishing, Journalism, Advocacy, Law, Psychology or Sociology.

**Career prospects**

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 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 over each semester. A published author of your choice may be invited to deliver guest lectures, to offer workshops, or to engage with you on the possibilities for adapting these to the requirements of your level of the degree.

**International links**

Language departments require that you spend a period in a relevant country during your third year, although both English and Creative Writing takes precedence over a language. If you are studying Core, language exchanges with European universities are possible in some cases, and the courses you can take abroad will be discussed with you in advance by the programme director. Non-language students may also avail of an exchange with an English-speaking university.

**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 specialise in creative writing at all levels, from your undergraduate period on to the MA (Writing), and a practicalised PhD in English. The English Department believes that Creative Writing is the perfect foundation for your long-term commitments in this field.

I would recommend the course to anyone with a passion for writing, for that’s what I encountered 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

During her final year of the BA with Creative Writing, Helen Hughes won the Faber and Faber / David Tennant Scholarship 2014-15 to pursue the MA in Publishing at University College London. She now works for Faber and Faber.
BA CONNECT
Bachelors of Arts with Human Rights

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 study 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 wishing 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 NGOs.

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 20 hours of work (on average 20 hours per week for three months) with an approved human rights organisation in Ireland or abroad. This allows students to gain first-hand experience with the work of a human rights organisation. 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 Fund (especially covering placements taking place in EU countries).

BA CONNECT
Bachelors of Arts with Film Studies

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KEY FACT
Each year the Huston School of Film & Digital Media at NUI Galway hosts internationally acclaimed figures from the film industries. Past guests have included Stephen Rea, Stephen Fears and Conor Horgan.

NUI’s Film Society is a great way for students to expand their practical knowledge of film outside the classroom.

ORLA CONNAUGHTON – Third Year BA with Film Studies

Film Studies has given me opportunities both academically and professionally that I wouldn’t have experienced in similar courses. I am currently studying abroad in America, where I’ve got the meet so many industry professionals and learn practical skills that perfectly complement the theory elements we have in Ireland.

ROISEN MANGAN – BA with Human Rights

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 Asager of the African Commission on Human and Peoples’ Rights.

Course Outline
Year One
- Introduction to human rights law (semesters 1 & 2)

Year Two
- Human rights in the context of international law (semester 1).
- Contemporary issues in human rights (semester 2).

Year Three (options include)
- Indian law (semester 1 or 2 or for the academic year).
- Applied human rights project (semester 1 or 2 or for the academic year).
- Study abroad (semester 1 or 2 or for the academic year).

Year Four
- Two core degree subjects (BA Subjects)

Course Outline
Year One
- Introduction to Film (Form)
- Introduction to Film II: Genre
- Introduction to Film III: Beyond Hollywood
- Realism in European Cinemas
- Digital Storytelling
- Irish Cinema
- Academic Researching & Writing in Film Studies

Year Two
- Applied Film (practical filmmaking)
- Independent Research Project
- Study abroad and/or work experience

Year Three (options include)
- Indian law (semester 1 or 2 or for the academic year).
- Applied human rights project (semester 1 or 2 or for the academic year).
- Study abroad (semester 1 or 2 or for the academic year).
- Two core degree subjects (BA Subjects)

Course Outline
Year One
- Introduction to Film (Form)
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- Indian law (semester 1 or 2 or for the academic year).
- Applied human rights project (semester 1 or 2 or for the academic year).
- Study abroad (semester 1 or 2 or for the academic year).
- Two core degree subjects (BA Subjects)
BA Connect

Bachelor of Arts with Performing Arts Studies

This programme introduces you to the world of Performing Arts. In Years One and Two, you choose from a range of classes in Drama, Music, Film, Creative Writing and Arts Administration, before specialising in one of those areas in Year Three. Classes include a blend of theory and practice and there is a strong focus on developing entrepreneurial and professional skills that will allow you to apply your creativity in real-world settings.

Work placements

The third year of the programme features the option to engage in placements with leading arts organisations. You can get hands-on experience in such areas as programming, curation, arts administration, marketing and PR, research, audience engagement and script development.

International links

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

Career prospects

This course aims to produce graduates who will be able to take up major opportunities nationally and internationally, including the development of an arts career in the creative and cultural sector in the west of Ireland alone during the next decade. Other relevant areas include education, business, and tourism and heritage.

Further study

www.nuigalway.ie/drama/postgrad/

Course facts

Course Code: GY119
Course Level: 8
Duration: 4 years
Minimum Entry Points 2016: 335
Minimum A-Level Grades: See www.nuigalway.ie/alevels

Leaving Certificate Entry Requirements: Minimum Grade H3 in two subjects and passes in four other subjects at O6/H7 Grades in the Leaving Certificate, including Irish, English, another language, and three other subjects recognized for entry purposes. No auditions or portfolios are required as part of the admission process.

A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements.

Average Intake: 18

Course Outline

Students in their first year take modules in Performing Arts Studies (PAS) and in three other subjects from the menu of Arts subjects. Popular choices include English, Geography, Italian, Psychology, French, Economics and Law. In second year, students carry forward two of their three Arts subjects from first year and also take two modules in Performing Arts Studies (PAS). Third year is spent studying performing arts with professional practitioners or, in the case of language students, on an overseas placement. In fourth year, students drop Performing Arts Studies to concentrate on their two degree subjects.

Year One

• Options include Performing Arts, Music, Creative Writing, Film, and Arts Administration

Year Two

Students continue to take optional modules in their area of interest, and undertake a special project on creative arts and entrepreneurship.

Year Three

Students engage in internships, work placements, professional performing arts experiences and carry out a major project in an area of specialism, such as: Theatre • Music • Creative Writing for Performing Arts • Arts Administration

Year Four

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

Key Fact

NUI Galway is home to the Parkway Pastoral Digital Archive – the largest online theatre archive ever created.

Find out more (Drama)

Dr Ian R. Walsh
Centre for Drama, Theatre and Performance
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www.nuigalway.ie/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

International links

Students may choose to pursue a placement or assistance abroad as part of 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 skills and experience acquired through the BA with Journalism will equip you for employment in all those fields where communication is primary, including not only journalism but also public relations, marketing, publishing and advertising. Along with fostering your own abilities and talents, the programme provides you with the opportunity to cultivate contacts and networks among professional journalists. Students on this programme engage in study in two Arts subjects (in addition to journaling), to degree level, and so have additional expertise in those areas.

Further study

The skills you develop through your BA with Journalism will directly benefit you in your other degree related subjects, and your specialism will also make you a highly valued candidate for postgraduate programmes that focus on setting, media and communication or that cover areas of cultural, social and political interest. The programme is an ideal foundation for entry to our longstanding MA (Journalism) at NUI Galway.

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

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

This is a world-class four-year programme that allows students to study drama, theatre and performance together with one other arts subject. Students explore a variety of topics, including acting, playwriting, directing, design, theatre history, arts journalism and musical theatre. Class sizes are limited to 20, so students receive excellent levels of attention from their teachers. Students may take Drama with such subjects as English, Psychology, Legal Studies, French, German, Italian, Irish, Philosophy and Classics (among others).

Key fact

Students on the programme benefit from our partnerships with Irish theatre companies, including the internationally acclaimed Druid Theatre, which provides workshops as part of the Druid Academy programme. Students also have access to the Abbey Theatre Digital Archive, a unique resource that provides access to thousands of plays and videos.

Course facts

CAO Code: GY118
Course Level: 8
Duration: 4 years
Minimum Entry Points 2016: 305
Minimum A-Level Grades: See www.nuigalway.ie/levels
Leaving Certificate Entry Requirements: Minimum Grade H6 in two subjects and passes in four other subjects at O6/H7 Grade. The Centre for Drama, Theatre and Performance creates the space for you to reflect upon and shape key issues across practice, policy and research, preparing you for practice or to apply for postgraduate courses that offer professional qualifications.

Further study

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

Course OUTLINE

Year One
• Acting 1
• Theatre History 1
• Theatre History 2
• Stagecraft 1

Year Two
• Modern Drama
• Playwriting
• Contemporary Drama
• Introduction to Directing
• Musical Theatre
• Dance and Movement

Year Three
• Performance in the Irish language
• Internship/work placement
• International Theatre experience
• Comedy in Performance
• Film Studies

Year Four
• Performance Studies
• Advanced Theatre (Career Workshops)

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

This programme is the only full-time undergraduate programme in Child, Youth and Family Policy currently offered in Ireland.

Key Fact

This programme is the only full-time undergraduate programme in Child, Youth and Family Policy currently offered in Ireland.

Course facts

CAO Code: GY120
Course Level: 8
Duration: 4 years
Minimum Entry Points 2016: 305
Minimum A-Level Grades: See www.nuigalway.ie/levels
Leaving Certificate Entry Requirements: Minimum Grade H6 in two subjects and passes in four other subjects at O6/H7 Grade. Students are not required to audition or submit portfolios. A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation requirements. Average Intake: 40

Garda Vetting is mandatory.

Further study

Graduates of this degree can pursue careers in a variety of areas including acting, dramatic writing, directing, stage production, musical theatre. Class sizes are limited to 20, so students receive excellent levels of attention from their teachers. Students may take Drama with such subjects as English, Psychology, Legal Studies, French, German, Italian, Irish, Philosophy and Classics (among others).

Work placement

The programme gives students broad skills that will be useful in a variety of careers. All students have opportunities to go on work placement during the third year of the programme. Placements typically last four to six weeks and are with major Irish theatre companies, including the Abbey Theatre, Druid Theatre, Macnas and the Galway International Arts Festival. These experiences prepare students for work in the arts, but also give experience in such areas as marketing and communications, administration and budgeting, and public relations.

International links

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

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 areas of drama, theatre and performance.

Further study

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

The programme is open to students who have full access to the Abbey as part of the Druid Academy, acclaimed Druid Theatre, with Irish theatre companies, including the Abbey Theatre, Druid Theatre, Macnas and the Galway International Arts Festival. These experiences prepare students for work in the arts, but also give experience in such areas as marketing and communications, administration and budgeting, and public relations.

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Ma (Playwriting and Dramaturgy)
Ma (Theatre Practice and Production)
Ma (Irish Theatre History Archives)
Ma (Arts Policy and Practice)
The BA (Children’s Studies) is a new interdisciplinary programme that is particularly suited to school leavers interested in developing careers working with or on behalf of children.

During the four years of the BA, students gain valuable insights into the important, and often undervalued, contribution made by children to society. They will learn to discern children’s voices, to reflect critically on the human condition from the perspective of children and to advocate for the young. Students will gain practical insights into the varied contexts in which children’s lives are shaped, defined and contained, and gain an appreciation of what is involved in developing best practices for working with children and young people.

The BA (Children’s Studies) is grounded in the intellectual traditions of the humanities, the social sciences and the health sciences, and it combines these intellectual traditions with contemporary critical perspectives drawn from multidisciplinary approaches to childhood.

Graduates of the BA (Children’s Studies) will have a thorough understanding of the social, emotional, legal and cultural factors that shape the lives of children and young people across history and different cultures. They will gain an appreciation of children’s rights, education, welfare and child-developement as well as knowledge of the methodologies and research practices that inform this child-centred and rights-based field of study.

Work placement

During the third year of the programme, students go on work placement for one semester, either nationally or internationally.

The aim of this placement is to provide students with experience of working with or on behalf of children. Placements can be taken in primary schools, after-school settings, children’s libraries, museums and arts organisations, children’s rights and advocacy organisations, hospitals and day-care centres and research centres. All placements will be closely monitored and assessed by both the host organisation and the University.

International links

Students who take a foreign language as part of their BA (Children’s Studies) will have the option to undertake an Erasmus exchange programme while at NUI Galway. This placement (either in Ireland or abroad) allows students who are interested in studying in Canada may also apply for a one semester exchange at the University of York in their third year. The allocation of international (non-EU) exchange places is based on student performance in the second year. Other opportunities may also be available.

Career prospects

Career options include advocacy work, children’s research, children’s journalism, children’s television and film production, children’s librarianship, children’s rights and advocacy, public policy, arts administration, museum work, child welfare work, children’s arts rights activism, social work, counselling and international development work, as well as primary school teaching. Many of these career choices require additional education or professional training at postgraduate level. Students who are interested in becoming primary school teachers should note that this will require the addition of a two-year Postgraduate Masters in Education at an Irish college of Education combined with the Scíolte Cultúirí sa Oileáin.

Further study

There are a wide range of postgraduate courses (taught and research) at NUI Galway and at other universities in Ireland and abroad that will be attractive to graduates looking to pursue further study in Children’s Studies. These include areas such as play therapy, social work, youth work, health promotion, administration, teaching, social work, needs teaching, speech and language therapy, public advocacy and activism.

Course facts

The BA (Public and Social Policy) gives students a very good intellectual grounding for careers in public service and policy-making in a variety of disciplines, including Law and Social Policy.

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 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

Alexandra Hillen-Moore – BA (Public and Social Policy)
Psychology is the study of behaviour and mental processes, and includes individual and social, human and nonhuman, normal and abnormal aspects of these.

Programme structure
First-year Psychology is taken with two 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 part of their psychology degree abroad through the Erasmus programme.

Career prospects
Completing the BA (Psychology) will enable a graduate to gain access to further training to become a professional psychologist (e.g., a clinical or occupational psychologist) or to undertake a research degree in psychology (e.g., a PhD in Psychology). Professional psychologists work in a variety of clinical settings, in the health services, they treat mental health issues, in schools, in research settings, in industry, they work on recruitment and retention. Researchers in the field of Psychology also work as lecturers in third-level colleges or other research settings. Many graduates also find their psychology degree helps them in non-psychology professions, such as banking, the media, information technology and management. 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

Key Facts
- Average intake: 15
- Degree: 3 years (4 if student chooses to study part-time)
- Course level: GY105

Bachelor of Arts (Psychology)

History is first and foremost about people, the forces that shaped their lives and the ways in which they changed the course of events. 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 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 drive them through all their future career paths. Such skills include how to source information in libraries, archives and on the internet; how to sift the accurate and the unreliable 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 dawn of the Ages 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 tutor group, and meet regularly with the BA (History) programme director to create a flexible programme to suit their needs. In the second and final years of the programme, students 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, diaspora, globalisation, religion, slavery and war. Students also gain hands-on research skills through our ‘Using Archives’ module, taught in conjunction with NUI Galway’s excellent Archives team. In final year, each student undertakes 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 an 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 this opportunity to absorb a new language or improve an existing language competence.

Career prospects
The BA (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 business, education, public service, the legal field, politics, media, non-governmental organisations, the film industry, museums, libraries, community work, and a variety of international organisations. For those considering an academic career, the BA (History) is an excellent stepping stone towards postgraduate studies. Many of our students have progressed to their undergraduate studies to the MA in History and the structured PhD programme.

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

Naomi de Bois – BA (Psychology)

NUI Galway possesses a broad set of unique archival materials in social and cultural history, which form the basis for History’s normal teaching in research methods and project work. Students on the BA (History) gain a unique, hands-on research experience through our ‘Using Archives’ module, run in conjunction with the NUI Galway archives team.

The variety of courses in History at NUI Galway really appealed to me. I benefitted from small class sizes, which allowed lecturers to offer guidance on an individual basis. In particular, modules on state formation in Europe from the sixteenth to the twentieth century provided me with a great foundation upon which to study international relations at MA level. Plus, having access to lecturers with diverse research interests helped me to realise the wealth of career opportunities available to me in this field.

Jakob McKernan – BA (History)
DENOMINATED PROGRAMME
Bachelor of Arts (Mathematics and Education)

The BA (Mathematics and Education) provides a unique opportunity for students passionate about mathematics to pursue a four-year, full-time honours mathematics degree programme, which incorporates a highly regarded teaching qualification. Graduates of the programme are high quality mathematicians and are recognised by the Teaching Council of Ireland as qualified second-level teachers of Mathematics and Applied Mathematics.

Work placement
As part of the programme, you will undertake a school placement component in Year Two. In total, you will complete 100 hours teaching between Years One and Three, and 17 weeks in a post-primary school in Year Four.

COURSE OUTLINE
Year One
- History and Structure of Irish Education
- Principles of Second-Level Mathematics
- Introduction to Educational Sciences
- Practical Teaching Programme 1 (work placement component)
- Algebra and Analysis I and II
- Skills of Mathematics
- Introduction to Applied Mathematics I and II
- Skills of Applied Mathematics

Year Two
- Philosophical Foundations of Education
- Mathematics Methodology and Skills of Teaching
- Practical Teaching Programme 2 (work placement component)
- Mechanics I
- Differential Forms
- Probability and Statistics
- Linear Algebra
- Geometry

Year Three
- Curriculum and Assessment
- Practical Teaching Programme 3 (work placement component)
- Professional Studies: Integrated Project

- Psychology, Sociology and Catering for Diversity
- Research Literacies for Professional Development & Lifelong Learning
- Mathematical Modelling I
- Groups
- Differential Equations
- Mechanics II
- Complex Analysis
- Linear Algebra

Year Four
- Block Teaching Practice (work placement component)
- Practical Teaching Programme: Integrated Project
- Final Year Symposium
- Final Year Project in Mathematics plus four Mathematics electives
- Optional Mathematics elective

- Mathematics electives may include: Metric Spaces; Measure Theory; Applied Statistics; Topics in Advanced Statistical Methods for Business; Functional Analysis; Ring Theory; Fields & Applications; Cryptography; Advanced Group Theory; History of Mathematics; Number Theory; Analysis II; Mathematical Modelling II; Non-Linear Systems.

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

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

Further study
As a BA (Mathematics and Education) graduate, you will be well positioned to further your postgraduate studies in mathematics, statistics, applied mathematics and education.

Key outcomes for students
On completion, students will be able to:
- Demonstrate knowledge and understanding of a high level of complexity in both mathematics and social sciences.
- Conduct and communicate independently original research.
- Engage in interdisciplinary study.
- Engage critically with a wide range of perspectives.
- Exercise initiative for addressing wider societal and political issues.
- Communicate complex material effectively.
- Demonstrate an understanding of the role of research and problem-solving skills in contemporary life.

Our vision for this new programme
This new four-year programme is aimed at high-achieving students with a passion to combine contemporary social, environmental and economic issues. The programme centres on Applied Social Sciences, equipping students with practical research and problem-solving skills and career readiness. Students will participate in an internship, gaining real-world experience and knowledge of working in areas of social scientific research. This inter-disciplinary degree draws on the key strengths of schools, disciplines and institutes across the University of Galway.

In addition, students will be paired with academic supervisors to undertake research in Year Four, with an emphasis on publications.

Career prospects
Successful graduates of the programme will be well positioned to further their career choices or to pursue a range of postgraduate programmes, including:
- MA (Sociology)
- MA (Gender, Globalisation and Rights)
- MA (Environment, Society and Development)
- MSc (Coastal and Marine Environments)
- MA (Journalism)
- Higher Diploma (Business Studies)
- Postgraduate Diploma in Innovation Management
- Strategy, Innovation & People Management

Further study
For more on further study options with NUI Galway please see:
- www.nuigalway.ie/courses/taught-postgraduate-courses

Key facts
This is the only available four-year undergraduate degree programme in Ireland that offers a concurrent degree in mathematics and education, making it an ideal choice for students who wish to combine their interests in both mathematics and social sciences.

DENOMINATED PROGRAMME
BSc (Applied Social Sciences)

This new four-year programme is aimed at high-achieving students with a passion for combining contemporary social, economic and environmental issues. The programme centres on Applied Social Sciences, equipping students with practical research and problem-solving skills and career readiness. Students will participate in an internship, gaining real-world experience and knowledge of working in areas of social scientific research. This interdisciplinary degree draws on the key strengths of schools, disciplines and institutes across the University of Galway.

In addition, students will be paired with academic supervisors to undertake research in Year Four, with an emphasis on publications.

Further study
Successful graduates of the programme who wish to continue with their studies to postgraduate level will be well positioned to apply for a broad range of postgraduate programmes, including:
- MA (Sociology)
- MA (Gender, Globalisation and Rights)
- MSc (Coastal and Marine Environments)
- MA (Journalism)
- Higher Diploma (Business Studies)
- Postgraduate Diploma in Innovation Management
- Strategy, Innovation & People Management

For more on further study options with NUI Galway please see:
- www.nuigalway.ie/courses/taught-postgraduate-courses

Key facts
This is the only available four-year undergraduate degree programme in Ireland that offers a concurrent degree in mathematics and education, making it an ideal choice for students who wish to combine their interests in both mathematics and social sciences.

This degree equipped me not only to be an excellent mathematics teacher but also gave me options for other careers or further study. The broad range of modules, coupled with the invaluable practical teaching programme, made for a dynamic, challenging and rewarding experience.

Mary Schall – BA (Mathematics and Education)
My BA (Joint-Honours) gave me several useful skills that I can apply in my current job. To some people, my subject choice seemed like an odd one – Psychology and Information Technology don’t exactly go hand-in-hand. However, much of my current work involves dealing with people and being someone for them to talk to.

Katie Finnegan
Radio Producer, Galway Bay FM
BA (Psychology and Information Technology)
Cáil leinn beoga sa mhdamh chumasálaidh agus sa Ghaeilge is ea an BA (Cumarsáid agus Gaeilge), a bhíonn á theagasc go hiontúil tri mheán na Gaeilge agus a mhnáin ar feadh chéad mí. Tá meáin amháin ann den eacnamaíocht agus den oideachas á nameáil, sa chultúr agus sa pholaitifíocht, a bhíonn deacair agus radháidh, chun caidrimh phoiblí nó caidrimh phoiblí nó eagrais eile a bhíonn ag obair leis na meáin.

Díonanna gairme

Tá an t-áitupaice as an Acadamh in ann do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta a theagasc faoi mhuintearacha sa Ghaeilge agus sa Gaeilge a bhíonn ann.

Forbairt do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta.

Leascheannasaí TG4

Pádhraic Ó Ciardha,
Sráid Fhích, Lá Thionóis,
Gaillimh.

Leas-cheannasánachas

Dhathanna sa chonaráid fhaol sleeimuis eile a thabhairt faoi thionscadal dhubhgha, chun do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta a caidrú, agus do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta a caidrú, agus do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta a caidrú, agus do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta a caidrú, agus do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta a caidrú, agus do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta a caidrú, agus do chuid aon domhan as an Ollscoil Tigh Ruiméadóireachta a caidrú.
BA (Cumarsáid agus Gaeilge)

The BA (Cumarsáid & Gaeilge) is a creative and lively four-year degree in media and Irish which is taught entirely through Irish. It covers the latest thinking and research in the fast-changing world of digital media and provides a balanced mix of academic study and practical, hands-on learning in journalism, television and radio production, broadcasting and multimedia, together with a thorough grounding in Irish language and literature and a focus on Gaeltacht heritage and culture.

A key aim of this robust programme is to develop the critical and analytic skills needed to become a ‘reflective practitioner’ in the media. Graduates will be skilled storytellers who will be equally at home telling stories with pictures, in soundscapes or words.

Work placement Year Three

During the first semester of third year, you will be based at the University’s Gaeltacht campus in An Cheathrú Rua at the heart of the Connemara Gaeltacht. During the second semester you will work in television and radio production companies, public relations firms and other organisations working with the media.

International links

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

Career prospects

Once you obtain a postgraduate qualification in teaching. Your ability to speak fluent Irish will give you a considerable advantage in the highly competitive market, particularly in television and radio. There are many potential employers at home and abroad, including RTÉ, TG4, BBC, local radio stations, television production companies and public relations firms. A degree in media and Irish is also a strong foundation for a career in public business, management, the non-profit sector, including NGOs and charity organisations, and the public service.

Further study

Following your graduation, if you wish to deepen both your academic understanding of the media and your role as a reflective practitioner, you may wish to consider the MA (Cumarsáid) (GYA93 on www.pac.ie), and an MA in Irish Language and Literatures (GYA85). This course is also offered by the Acadamh through Irish at NUI Galway.

When you graduate you will be a skilled communicator with experience in television and radio production, broadcasting and journalism, and you will be well placed to gain prestigious, high-status employment in the highly-competitive media world. You will also have a recognised qualification in Irish and will be able to teach Irish at second-level examination, and who satisfy the University’s general entrance requirements. Average intake: 25

This course provides students with the opportunity to enhance their Irish language aptitude and to improve their understanding of this communications skills, the two key elements in TG4’s own mission.

Padhraic Ó Ciardha, Leascheannasai TG4

This course suited me because of my interest in its academic and technical aspects. I acquired a broad range of skills, which I put into 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)

COURSE OUTLINE

Year One
- Digital Storytelling
- Critical Thinking and Presentation
- Irish Language Literature and Culture
- Broadcasting Skills
- Media Computing Systems
- The Language of Communications

Year Two
- Creative Video Design
- Broadcast Journalism
- Media Analysis
- Irish Language Literature 1200–1900
- Modern Literature
- Radio and Television Broadcasting
- The History of Irish Language Media
- The Features Article
- Language and Community
- The Language of Communications

Year Three
- Gaeltacht Semester: Gaeltacht Heritage, Learning in the Community, Irish and Communicative Skills, Career Competencies, Language Accuracy
- Second Semester: Internship in a media or public relations organisation, or a community-based learning project, or study abroad.

Year Four
- Video Production
- The Media in Minoritised Communities
- Applied New Technology
- Irish Language Literature
- Language and Community
- Applied Journalism
- The Economy of the Media or the Audience
- Irish Language Literature 1200–1900
- The Language of Communications
- Final Year Project

Leaving Certificate Entry Requirements: Applicants are welcome from people who have achieved the H5 standard in Irish in the Leaving Certificate examination, and who satisfy the University’s general entrance requirements. Average intake: 25

FIND OUT MORE:
Acadamh na hOllscolaíochta Gaeilge
+353 91 494666
cumarsaid@oegaillimh.ie
www.nuigalway.ie/acadamh

In 2016, BA (Cumarsáid) students won the Best Radio Journalism Through Irish category at the Smedia awards.

COURSE FACTS

CAO Code: GV122
Course Level: 8
Duration: 4 years
Minimum Entry Points 2016: N/A
Minimum A-Level Grades: Grade C in A-Level Irish

NEW FOR 2017

KEY FACT
mbeidh tú ag obair ann amach anseo. Shaol na hoibre agus chun aithne a chur ar daoine sa réimse oibre a céime. Deis iontach í an bhliain taithí oibre chun cleachtadh a fháil ar ag obair leo nó go n-iarrann siad orthu teacht ar ais chucu i ndiaidh na socrúchán oibre go n-iarrann an eagraíocht orthu fanacht seal eile. Tarlaíonn sé uaireanta go n-éiríonn chomh maith sin le mic léinn ar an é a shocrú in áiteanna eile sa tír má oireann sé don mhac léinn.

Gceantar na Gaillimhe a bhíonn an socrúchán oibre ar siúl ach is féidir cur chun cinn na teanga nó le comhlacht aistriúcháin. Is iondúil gur i Caitheann siad an tréimhse ó Mheán Fómhair go hAibreán ag obair I mBliain a Trí den chlár seo téann na mic léinn ar shocrúchán oibre. Socrúcháin oibre bhaineann leis an teanga i saol an lae inniu. Beidh tú in ann aghaidh a thabhairt ar dheiseanna fostaíochta agus ar a hoidhreacht mar theanga labhartha agus scríofa, agus Gaeilge mar theanga nua-aimseartha aistriúcháin. Ar chríochnú leis an nGaeilge, ón meánaois go dtí ár linn féin, agus ar úsáid na saibhreas litríochta, béaloidis agus amhránaíochta a bhaineann an Aistriúcháin – in aon chéim ollscoile amháin trí Ghaeilge.

Náscriadh

Is féidir blainn staidéara in ollscoinn thar laar a shuion don mhac léinn i millbain a Tri más í sin is féidirín don mhac léinn.

Deiseanna gairmiúla

Mar gheall ar an stádas atá ag an ríogaileoir ar an mheanghoil ag an tAonta Fhoir pictiúrí ag an saothar fós a bhfuil toscánachtaí ina dhiaidh. Turas ar an bhfuil a thabhairt don mhac léinn i ndiaidh na socrúchán oibre go bhfuil an-eagras ina dhiaidh trí Ghaeilge nó eagrasin a bhfuil amháin i ndiaidh na socrúchán oibre. Tarlaíonn sé an-áthas féin go bhfuil an teanga deireadh a fheadh ar an mhac léinn.

Bressiodheachas

In níl na mic léinn a thugann go minic mar ní mór go leor a chuid dearcadh i ndiaidh na teanga. Dáil i bhfeidhm an tionscadal atá fós a bhfuil an-áthas a bhaint amach i ndiaidh na teanga.

Gníomhpháirtíocht

Tá na scileanna a dhéanann na mic léinn i Leibhéil an Chúrsa. Is féidir leis an foirm a thabhairt an teanga mar gheall ar an mbliain atá díreach ina dhiaidh, agus is féidir liom an taispeántas seo a chur in iúl.

SONRAI AN CHÚRSA

Cód CAO: GY107
Leibhéil an Chúrsa: 8
Fadh leat a bhíonn faoi cheann de na teanganna siúd a d’fhéadfadh tú le gach duine a chur i bhfeidhm. Is féidir duit an gceann de na teanganna a chur in iúl ach is féidir leat duit a bhíonn faoi cheann de na teanganna a chur i bhfeidhm. Is féidir duit an gceann de na teanganna a chur i bhfeidhm ach is féidir leat duit a bhíonn faoi cheann de na teanganna a chur i bhfeidhm.

TUILLEADH EOLAIS

Nil córais úsáide óiriúnacha chun náisiúnachtaí in Éirinn a dhuinn ach amhain in Ollscoil na hÉireann, Gaillimh.

POINTE EOLAIS

Nil córais úsáide óiriúnacha chun náisiúnachtaí in Éirinn a dhuinn ach amhain in Ollscoil na hÉireann, Gaillimh.

BA (Gaeilge agus Léann an Aistriúcháin)

Tugtar deis duit sa chúrsa seo d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm agus a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadfadh leat a chur i bhfeidhm chun náisiúnachtaí a d’fhéadh
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 will 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 its heritage and practical use as a spoken and written language, have acquired a broad knowledge of the Irish language and of its heritage and practical use as a spoken and written language, and you will be in a position to seek challenging and rewarding employment opportunities.

As an alternative to the work placement, a study year at an overseas university can be arranged for Year Three if this is deemed to be more suitable for 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 (Master of Arts in Language Studies). On that masters 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.

**International links**

The skills brought by students from this course are extremely valuable as they enter the employment market. We've seen this very clearly in Galáis is Gaeilge with the students who have completed work placements with us here. The skills brought by students from this course are extremely valuable as they enter the employment market. We've seen this very clearly in Galáis is Gaeilge with the students who have completed work placements with us here.

Bríd Ni Chonghóile
Senior Executive, Gallimh le Gaeilge

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**BA (Gaeilge agus Léann an Aistriúcháin)**

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**COURSE OUTLINE**

**Year One**

- Gaeilfí na Aistriúchán (Aspects of Translation)
- Coarsalaidh na Gaeilge (Proper Irish Usage)
- Liathan Chomhaimseartha na Gaeilge (Contemporary Irish Language Literature)
- Bunscileanna Gramadála (Fundamental Grammar Skills)
- Bunscileanna Aistriúchána (Fundamental Translation Skills)
- Sláinte agus Sochálaí na Gaeilge (Irish Language Sapience and Society)

**Year Two**

- Aistriúchán Fheidhmach Teacsanna I (Applied Translation I)
- An Húsuitheach Roinchtuiteacha (Computer-Assisted Translation)
- Gramadach agus Uirlis na Gaeilge (Irish Language Grammar and Spelling I)
- Teanga na Nua-Ghaeilge (Modern Irish Language I)
- An Nuachtíocht (Modern Literature I)
- Litríocht na Gaeilge 1200-1900 (Irish Language Literature 1200-1900)
- Aistriúchán Fheidhmach Teacsanna II (Applied Translation II)
- Staidéar Thar Lear (Study Year Abroad)
- Gnéithe den Aistriúchán (Aspects of Translation)
- Crúinneas agus Sabhthú Teanga (Linguistic Precision and Enrichment)
- Teanga na Nua-Ghaeilge (Modern Irish Language II)

**Year Three**

- An Nuachtíocht II (Modern Literature II)
- Teanga agus Pobal I (Language and the Community I)

**Year Four**

- Aistriúchán Fheidhmach Teacsanna III (Applied Translation III)
- Gramadach agus Uirlis na Gaeilge (Irish Language Grammar and Spelling II)
- Forfadhailte (Desktop Editing)
- Teanga na Nua-Ghaeilge II (Modern Irish Language II)
- Litríocht na Gaeilge I (Irish Language Literature I)
- Litríocht na Gaeilge 1200-1900 II (Irish Language Literature 1200-1900)
- Tionscadal (Project)
- Teanga na Nua-Ghaeilge IV (Modern Irish Language IV)
- Litríocht na Gaeilge II (Irish Language Literature II)
- Teanga agus Pobal II Language and the Community II

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

Cait Ni Bhriain – BA (Gaeilge agus Léann an Aistriúcháin)
An important part of this degree programme is that Year Three is spent working with an organisation that works through the medium of Irish. As a new graduate, this experience is invaluable when seeking employment. I now work as a Weather & Continuity Presenter with TG4 and this degree was undoubtedly a huge factor in my securing the job. I cannot recommend the degree highly enough.

Cúrsai Gaeilge do Mhic Léinn
Irish language courses for students

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

An Dioplóma sa Ghaeilge (Leibhéil A2, B1, B2, C1)
This is a two-year, part-time programme that can be undertaken by students in addition to their degree or postgraduate course. The programme is offered at four different levels of competence in Irish, from beginner to fluent.

An Dioplóma sa Ghaeilge, C1 (Dlí)
This is a two-year, part-time programme provided for university students studying law. Students may undertake this programme in addition to their degree/postgraduate programme.

For further information on these diploma courses, contact Oifig an Dioplóma in Áras na Gaeilge.
T +353 91 495 248
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.nioblicin@oegaillimh.ie

Courses in the Gaeltacht
An Acadamh organises courses in its Gaeltacht centres for students who wish to improve their Irish and gain experience of life in the Gaeltacht.

For further information on these courses, contact Caitriona Leaither in Áras na Gaeilge.
T +353 91 495248
caitriona.leather@oegaillimh.ie

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

Tugtar lascaine mhór do mhic léinn chláraithe do chuid OÉ Gaillimh i leith thábhachtach do gcosáil leasan se."
College of

**BUSINESS, PUBLIC POLICY AND LAW**

NUI Galway has a long history and is internationally recognised for producing high quality, market-ready graduates in all areas of Business, Public Policy and Law. We offer a wide range of programmes, which are all taught by staff who are at the forefront of original thinking and innovation, ensuring you get the best student experience for your future career.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Programme</th>
<th>Minimum Entry Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>GY209</td>
<td>Bachelor of Commerce</td>
<td>88</td>
</tr>
<tr>
<td></td>
<td>(Global Experience)</td>
<td></td>
</tr>
<tr>
<td>GY201</td>
<td>Bachelor of Commerce</td>
<td>90</td>
</tr>
<tr>
<td>GY202</td>
<td>B Comm (International with French)</td>
<td>91</td>
</tr>
<tr>
<td>GY203</td>
<td>B Comm (International with German)</td>
<td>91</td>
</tr>
<tr>
<td>GY204</td>
<td>B Comm (International with Spanish)</td>
<td>91</td>
</tr>
<tr>
<td>GY206</td>
<td>BSc (Business Information Systems)</td>
<td>92</td>
</tr>
<tr>
<td>GY207</td>
<td>B Comm (Accounting)</td>
<td>93</td>
</tr>
<tr>
<td>GY208</td>
<td>B Comm (Gaeilge)</td>
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### Shannon College of Hotel Management

<table>
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<tr>
<th>Code</th>
<th>Programme</th>
<th>Minimum Entry Points</th>
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<tbody>
<tr>
<td>GY261</td>
<td>Bachelor of Business Studies</td>
<td>96</td>
</tr>
<tr>
<td></td>
<td>(International Hotel Management)</td>
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</tr>
<tr>
<td>GY262</td>
<td>Bachelor of Commerce</td>
<td>97</td>
</tr>
</tbody>
</table>

### School of Law

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<tr>
<th>Code</th>
<th>Programme</th>
<th>Minimum Entry Points</th>
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<tbody>
<tr>
<td>GY251</td>
<td>Bachelor of Civil Law (BCL)</td>
<td>99</td>
</tr>
<tr>
<td>GY250</td>
<td>Bachelor of Corporate Law (B Corp Law)</td>
<td>100</td>
</tr>
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<td>GY101</td>
<td>Law in Bachelor of Arts</td>
<td>101</td>
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<tr>
<td>GY103</td>
<td>Law in Bachelor of Arts (Public and Social Policy)</td>
<td>102</td>
</tr>
<tr>
<td>GY201</td>
<td>Law in Bachelor of Commerce</td>
<td>102</td>
</tr>
</tbody>
</table>

Minimum Entry Points given on the ‘Course Facts’ panel of the following pages are based on 2016 entry. A new Leaving Certificate grading scale, using fewer broader grade bands, will be introduced in 2017.
Bachelor of Commerce (Global Experience)

Is Commerce for me? In attempting to answer this question, you should ask yourself whether you enjoyed business-related subjects or enterprise projects at second level? Are you curious about how firms, markets and economies operate? Might you have a flair for decision-making or sales in organisations? Are you interested in accounting or possibly setting up a business? Are you innovative, entrepreneurial or creative? If your answer to some of these questions is yes, then Commerce is for you.

The BComm Global Experience degree is a new four-year course. It is a comprehensive business programme where students complete modules from all different areas of business in the first two years of the degree. In Year Three, students undertake a work placement, or study abroad or do a combination of the work placement and study abroad. In Year Four, students specialise in one stream, in Accounting & Performance Measurement, Economics & Public Policy, Management of Human Resources, Marketing Management, Digital Business & Analytics, Finance, Business Law or International Business.

Accounting & Performance Measurement: Students study accounting and related modules, positioning them for a career in this area. Depending on the modules chosen, exemptions are available to successful students in the professional accountancy bodies’ exams.

Economics & Public Policy: Students can apply their economic theory to modules as diverse as the economics of globalisation, money and finance, and of health and environmental economics. Students are well placed to undertake other postgraduate research or to embark on a variety of careers in economic policy analysis.

Management of Human Resources: This specialisation focuses on the management of the human factor in organisations, the nature of the employment relationship and the rights and obligations of the parties involved. It is targeted at those intending to develop a career in the HR management area.

Marketing Management: This specialisation provides an excellent foundation in a range of marketing topics, such as media and marketing communications, brand management, marketing analytics and research, digital marketing planning, the marketing of services and global marketing.

Digital Business & Analytics: This specialisation focuses on the implementation, use and management of Information Systems within business. It contains practice-based modules that teach students how to create IS using database technology, web design technology and computer programming languages. Students will be well positioned to secure jobs as management consultants specialising in IS.

Finance: This specialisation provides a diverse range of contemporary topics in national and international finance, including international monetary systems, banking, exchange rates, taxation, financial reporting, investments and decisions in managing multinational corporations. Students will be ready employable in private sector financial services firms as well as both Irish and international public sector financial institutions.

Business Law: This stream focuses on law specifically in a business context. Students who successfully complete this stream and wish to specialise in this area will be well positioned to apply for the LLB (Law degree) or the Bar examination.

International Business: This specialisation focuses on managing people, diversity in culture and how to effectively lead and manage in a global marketplace. Students will cultivate their cultural awareness skills and understand how to operate effectively in a dynamic global business environment.

Marketing Management: This specialisation focuses on a diverse range of marketing topics, such as media and marketing communications, brand management, marketing analytics and research, digital marketing planning, the marketing of services and global marketing.

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Bachelor of Commerce (International)

This is a four-year course 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
Graduates of this programme have found employment in EU institutions, accounting, management consultancy, marketing, human resource management, finance (including banking and insurance), and economic policy advisory services.

Further study
www.nuigalway.ie/courses/programs/courses/BComm...

COUROURSE OUTLINE

Year One
- Introduction to Microeconomics/Macroeconomics
- Introduction to Management Accounting/Financial Accounting
- Business Information Systems and Information Management
- Foundations of Marketing Thought
- Contemporary Management Thought
- French/German/Spanish

Year Two
- French/German/Spanish
- International Statistical Methods for Business
- Marketing
- Applied Statistics for Business
- Management Accounting I
- Organizational Psychology
- Business Finance for Work and Employment Relations
- Microeconomics and the Business Environment
- Business Information Systems

Year Three
- Students follow modules in languages and business studies at a university in France, Germany/Austria or Spain/Mexico.

Year Four
- Inland in the Global Economy
- Ethics and Corporate Social Responsibility
- Business Strategy
- Innovation: Creativity and Enterprise
- French/German/Spanish

Plus the opportunity to choose modules from the following areas:
- Accounting/Finance
- Economics
- Marketing
- Management and Operations Management
- Management of Human Resources
- Digital Business & Analytics
- Operations/Logistics
- International Business

KEY FACT

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

Find OUT MORE:
J.E. Cairnes School of Business & Economics
www.nuigalway.ie/commerce

Course Code: GY200
Course Level: 8
Duration: 4 years
Minimum Entry Points: 480
Minimum A-Level Grades: See www.nuigalway.ie/calevs
Leaving Certificate Entry Requirements: Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, and any other subject recognised for entry purposes.

Bachelor of Commerce (Global Experience)

The B Comm degree is a three-year course, but with an option of a fourth year (see Global Experience below). It is a general, broad business degree, but you also specialise in first year, matching your preferred area of specialisation with your interests, skills and abilities. The areas of specialisation are Accounting & Performance Measurement, Economics & Public Policy, Management of Human Resources, Marketing Management, Digital Business & Analytics, Finance, Business Law and International Business.

B Comm students start to develop their oral, presentation, Excel, written and communication skills very early in the B Comm programme. This focus on personal development is critical for success in their working life thereafter. Students continue to develop skills in second and final year in the modules, Skills for Business and ICE.

Global Experience year

Students on the three-year Commerce programme 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 the four-year B Comm (Global Experience) degree. Successful applicants can spend at least one semester of their third year at an international university studying business the English, either in the USA, China-Hong Kong, Australia or Europe (on Erasmus in, for example, The Netherlands, Sweden, France, Germany, Belgium, Denmark or the UK). Students also have an opportunity to work as an intern on work placement for at least one semester.

Career prospects

Commerce graduates are highly successful and sought after in all areas of business, including accounting, management consultancy, taxation, public service, commercial advisory services, economic policy advice, marketing, human resource management, information systems management, Finance (including banking and insurance), and professional management, teaching and research.

Currently, B Comm graduates are employed in high-profile companies such as Adidas, Bank of Ireland, Coca Cola, DNV, Deloitte, EBS, Facebook, Fylys, Google, Microsoft, Mraz, Mazars, Ryanair, Sony, the UN and Toyota and Unisaph.

Further study
www.nuigalway.ie/courses/commerce

COUROURSE OUTLINE

Year One
- Core modules in Accounting, Business Information Systems, Economics, HRM, Marketing and Maths & Stats for Business. Option between a modern language or Skills for Success and Business Law I.
- Plus one optional module from the following:
  - Statistics
  - Management
  - Economics

Year Two

Optional Global Experience Year

Year One
- There are limited places available, allocated on the basis of merit and student performance.
- One semester of work abroad or full academic year of work placement in Ireland, or
- Full academic year of work placement.
- Final Year
- Core modules in Ireland in the Global Economy, Ethics and Corporate Social Responsibility, Business Strategy and Innovation: Creativity and Entrepreneurship. One specialist from the following:
  - Accounting
  - Economics
  - Management
  - Marketing
  - Microeconomics and the Business Environment
  - Business Information Systems

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 (Global 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, PwC
Bachelor of Science (Business Information Systems)

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 such as programming, databases, and systems analysis. 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 Europe or the US in second year.

Career prospects

There are excellent career opportunities for BIS graduates in the current technological environment. 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/courses/courses

Bachelor of Commerce (Accounting)

The B Comm (Accounting) degree at NUI Galway combines a business-based 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 to 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 the website for full details.

Global Experience:

Work placement/Study abroad

Students have the opportunity to add an international experience dimension to their degree at the end of second year, when they can apply on a competitive basis to transfer from the three-year B Comm (Accounting) degree to the four-year B Comm (Accounting) with Global 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 on a work placement. The students will then return to NUI Galway for fourth year to complete their degree. Students can also complete an internship in the summer following their second year. Students completing relevant work experience can use the experience 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 practice. The majority of students have secured graduate employment prior to completing their degree. Graduates may also find employment in financial services, taxation, public sector, banking, manufacturing and other industries.

Further study

www.nuigalway.ie/courses/courses

**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.

**Course Outline**

**Bachelor of Science (Business Information Systems)**

**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
- IT & Project Management
- Business Systems Design & Implementation
- Business Data Management
- Business Application Development I

**Year Two**

- Quantitative Techniques for Business
- Management Accounting I
- Web and Interactive Media Design
- Database Technology
- Advanced Application Development I
- E-Business Strategy and Practice
- Business Finance I
- Enterprise Systems
- Information & Opening up Management
- Advanced Application Development II
- Decision Modelling & Analytics
- Applied Systems Analysis
- E-Business Technologies
- Advanced Database Technologies
- Networking & Communications
- Professional Experience Programme
- Contemporary Project Management

**Year Four**

- Business Intelligence & Analytics
- Information Systems Strategy and Planning
- International Business
- Cloud Computing
- Cloud Computing
- Plus one of the following:
  - Applied Microeconomics
  - Media & Marketing Communications
  - International Business
  - Advanced Financial Accounting
  - International Financial Reporting
  - Business Environment
  - Business Finance I
  - Principles of Microeconomics
  - Contemporary Management Thought
  - Foundations of Marketing Thought
  - Management Principles
  - Skills for Business

**Year Three**

- Management

- Applied Systems Analysis
- E-Business Technologies
- Advanced Database Technologies
- Networking & Communications
- Professional Experience Programme
- Contemporary Project Management

- Business Intelligence & Analytics
- Information Systems Strategy and Planning
- International Business
- Cloud Computing
- Cloud Computing
- Plus one of the following:
  - Applied Microeconomics
  - Media & Marketing Communications
  - International Business
  - Advanced Financial Accounting
  - International Financial Reporting
  - Business Environment
  - Business Finance I
  - Principles of Microeconomics
  - Contemporary Management Thought
  - Foundations of Marketing Thought
  - Management Principles
  - Skills for Business

- Decisions on where I was going to pursue my degree. I decided to study BIS because of the wide range of subjects that were offered. This allowed me to find my strengths in areas of interest. After I graduated, I was offered a role with Google. This role allows me to work with businesses and help them grow their business through an online presence.

Kathleen Garrity – Business Information Systems

- I decided to study BIS because of the wide range of subjects that were offered. This allowed me to find my strengths in areas of interest. After I graduated, I was offered a role with Google. This role allows me to work with businesses and help them grow their business through an online presence.

Patric Eavan – B Comm (Accounting)

Moving into third year, I selected to do the Global Experience year. A four-month exchange programme was followed by a six-month work placement in PricewaterhouseCoopers. This course allowed me to specifically focus on accounting, but also gave me an excellent opportunity to broaden my knowledge of other business subjects.
# Bachelor of Commerce (Gaeilge)

This is a four-year course in Commerce that includes 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 focuses 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 first year, you 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, teaching, accounting, management consultancy, marketing, human resource management, finance (including banking and 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 Information Management for Business
- Mathematics and Statistics for Business
- Foundations of Marketing Thought
- Contemporary Management Thought
- Gaeilge

### Year Two
- Gaeilge
- Inferential Statistical Methods for Business
- Marketing Management
- Applied Microeconomics for Business
- Management Accounting I
- Organisational Psychology
- Business Finance I or Work and Employment Relations
- Microeconomics and the Business Environment or Business Law I
- Plus one optional module from the following:
  - Accounting
  - Economics
  - Management
  - Marketing
  - Statistics
  - Business Information Systems

### Year Three
- Year Three of the programme is divided between a 30 ECTS internship programme in an Irish-speaking environment and 30 ECTS of Irish-medium studies at NUI Galway’s Gaeltacht campus in An Cheathrú Rua.

### Year Four
- Ireland in the Global Economy
- Ethics and Corporate Social Responsibility
- Business Strategy
- Innovation: Creativity and Enterprise
- Gaeilge
- Plus the opportunity to choose modules from the following areas:
  - Accounting/Finance
  - Economics
  - Marketing
  - Business Law
  - Management of Human Resources
  - Digital Business & Analytics
  - Operations/Logistics

# Graduate Insight

I welcome this 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

The B Comm gave me the basis of what I have achieved so far. At the age of 25, I launched my first company, based in the Middle East – Cobone.com – the largest eCommerce company in the region. I won the “Emerging” category in the Ernst & Young Entrepreneur of the Year awards. NUI Galway not only gives you an excellent education but also gives you the platform to compete on a world level.

Paul Kenny
B Comm
Bachelor of Business Studies
(International Hotel Management)

In 2015 Shannon College of Hotel Management became a College of NUI Galway. The BBS in International Hotel Management at Shannon College of Hotel Management gives students the unique opportunity to combine professional practical training, language development, extensive business studies theory and hands on work experience in the international hotel industry. This combination of practical learning and theory creates a dynamic, confident graduate who is well equipped to begin their career in business management in the hotel industry or in a host of other industries. Students will gain international experience during their studies, making them highly sought after graduates. This has been reflected in the 100% employment record on graduation day since the college was founded. This is the perfect qualification for a student who is interested in a global profession that is varied, unpredictable, exciting and challenging, with boundless opportunities for career growth and progression.

Work placements
Shannon College has strong partnerships with industry, working with over 100 hotels across 16 countries worldwide. Students will work for a total of 21 months during their degree programmes, along with visitable international experience within the hotel industry while also improving their language and communication skills. See www.shannoncollege.com/workplacements for further details.

Career prospects
Shannon College of Hotel Management has maintained a 100% student employment record every year on graduation day. This unrivalled record is testament to the quality of Shannon College graduates, their readiness for the hotel industry, the structured work placements and the strong links with industry.

Further information
For further information on accommodation, entry requirements, facilities and all other general queries, see www.shannoncollege.com.

COURSE OUTLINE

Year One includes
• Food & Beverage 1
• Accommodation Services
• Front Office
• Language 1
• Management Accounting 1
• Financial Accounting 1
• Principles of Management

Year Two Placement
The Year 2 work placement is a 12 month professional placement in leading European hotels (France, Spain, Luxembourg, Belgium, UK and Ireland) to reinforce practical training in Year One, develop language skills and build knowledge of industry practice.

Year Three includes
• Rooms Division Management
• Economics for Hospitality
• IT for Business and Hospitality
• Human Resource Management
• Business Finance

The lecturers at Shannon take a personal interest in the development of each individual student. This approach has given me the confidence to set goals for myself in the industry and has equipped me with the tools to achieve them. This has led me to securing my current position as Assistant Accommodation Manager at Fairmont St. Andrews Hotel, Scotland.

Philip Egan (Graduate 2015) – BBS in International Hotel Management, Fairmont St. Andrews Hotel, Scotland – Assistant Accommodation Manager

Bachelor of Commerce
(International Hotel Management)

In 2015 Shannon College of Hotel Management became a College of NUI Galway. The BComm in International Hotel Management at Shannon College of Hotel Management incorporates a year at the NUI Galway campus in the fourth year. Students who choose this degree will develop a unique set of skills combining professional practical training, language development, hands on work experience in the international hotel industry and extensive commerce theory specialising in a chosen business field.

Further information
For further information on accommodation, entry requirements, facilities and all other general queries, see www.shannoncollege.com.

COURSE OUTLINE

Year One includes
• Food & Beverage 1
• Accommodation Services
• Front Office
• Language 1
• Management Accounting 1
• Financial Accounting 1
• Principles of Management

Year Four (at NUI Galway campus)
• Core Business Modules
• Plus specialise in a business discipline:
  • Marketing Principles
  • Language 2
  • Food & Beverage 2

Year Four (at NUI Galway campus)
• Core Business Modules
• Plus specialise in a business discipline:
  • Marketing Principles
  • Language 2
  • Food & Beverage 2

Trainee Management Work Placement
At the end of Year Four, students commence a trainee management work placement for at least nine months until graduation. International companies visit Shannon College to recruit students onto management development programmes or as direct hires in properties around the world.

Trainee Management Work Placement
At the end of Year Four, students commence a trainee management work placement for at least nine months until graduation. International companies visit Shannon College to recruit students onto management development programmes or as direct hires in properties around the world.

Find out more:
Shannon College of Hotel Management
A College of NUI Galway
Shannon Airport, Co. Clare
+353 61 712 590
info@shannoncollege.com
www.shannoncollege.com

Since 1951, Shannon College of Hotel Management has maintained a 100% student employment record every year on graduation day.

Find out more:
Shannon College of Hotel Management
A College of NUI Galway
Shannon Airport, Co. Clare
+353 61 712 590
info@shannoncollege.com
www.shannoncollege.com

96

97
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.

At core law modules required for entry to the Law Society of Ireland, Blackhall Place, and The Honourable Society of King’s Inns in order to become a solicitor or barrister are covered throughout the three years of the programme. One of the distinctive features of studying law at NUI Galway is the variety of optional modules open to students. Students can also choose to study a European language – either Legal French or Legal German.

If you have a keen interest in all aspects of the law and you wish to take the required subjects to study for the legal professions in a single three-year degree, then the BCL is for you. You can focus solely on law subjects or you can combine law and languages. You can then proceed to take the entrance examinations to become a solicitor or a barrister.

Work placement
The Bachelor of Civil Law programme provides an opportunity in final year for a 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 either mainland Europe or other countries such as USA, Canada, Australia or China. These students then return to complete their degree programme in Galway in fourth year.

Career prospects
The Bachelor of Civil Law degree provides excellent preparation for work in a legal advisory capacity in the private or public sector. Many graduates of the BCL programme undertake professional training in the private or public sector. Many graduates of the BCL programme undertake professional training and qualify as a solicitor or barrister. A law degree from NUI Galway provides you with the knowledge and skills to succeed in a many different areas outside of professional legal practice, such as financial services, the public sector and industry.

Further study

SCHOOL OF LAW

GY251 Bachelor of Civil Law (BCL) 99
GY250 Bachelor of Corporate Law (B Corp Law) 100
GY101 Law in Bachelor of Arts 101
GY103 Law in Bachelor of Arts (Public and Social Policy) 102
GY201 Law in Bachelor of Commerce 102

The BCL offers extracurricular opportunities to enhance your employability, including opportunities to volunteer with our Free Legal Advice Centre, avail of clinical legal placements, undertake an internship in Ireland or the United States, study a language, and participate in moot competitions (simulated court cases). 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 at Suffolk University Law School. I recommend studying law at NUI Galway highly.

Patrick Munnelly – Bachelor of Civil Law

KEY FACT
The BCL offers extracurricular opportunities to enhance your employability, including opportunities to volunteer with our Free Legal Advice Centre, avail of clinical legal placements, undertake an internship in Ireland or the United States, study a language, and participate in moot competitions (simulated court cases). At the end of second year, students can choose to spend a year studying abroad.

FIND OUT MORE:
School of Law
+353 91 492 752
law@nuigalway.ie
www.nuigalway.ie/law

CAO Code: GY251
Course Level: 8
Duration: 3 years
Minimum Entry Points 2016: 430
Minimum A-Level Grades: See www.nuigalway.ie/alevels

Leaving Certificate Entry Requirements: Minimum Grades H5 in two subjects and passes in four other subjects at 06/W 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 171 and 172 for matriculation entry requirements.

Average Intake: 60
Bachelor of Corporate Law (B Corp Law)

The Bachelor of Corporate Law four-year degree programme allows students interested in law and business to study a wide range of legal and business subjects. Students can also study a language (German, Spanish or French) and spend Year Three studying abroad, graduating with a B Corp Law International degree. This is an accredited degree which allows students to take all the law subjects required for entry to the Law Society of Ireland, Blackhall Place, and The Honourable Society of King’s Inns to become a solicitor or barrister. Therefore students no longer need to do the one-year LLB programme.

International links and internships
Students may opt to join the B Corp Law International programme, which involves spending first year at a university in either mainland Europe or other countries such as USA, Canada, Australia or China. These students then return to complete their degree programme in Galway in fourth year.

In addition to the exchange programmes, final year B Corp Law students may apply for fellowships in Ireland, in the United States, e.g. the Attorney General and the DPP in Ireland, a Massachusetts appellate judge, Secretary of State’s office, or the Suffolk County District Attorney’s office.

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 small, medium and large organisations. Many graduates undertake professional training as an associate or solicitor or barrister.

Further study
www.nuigalway.ie/law/courses

<table>
<thead>
<tr>
<th>COURSE OUTLINE</th>
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<tbody>
<tr>
<td><strong>Year One</strong></td>
</tr>
<tr>
<td>Constitutional Law</td>
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<tr>
<td>Contract Law</td>
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<tr>
<td>Law of Torts</td>
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<tr>
<td>Irish Legal System</td>
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<tr>
<td>Legal Methods and Research</td>
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<tr>
<td>Introduction to Financial and Management Accounting and other business modules</td>
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<tr>
<td>Language</td>
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<tr>
<td>Legal/French/Legal German/Spanish</td>
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<tr>
<td>Business Information Systems</td>
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<tr>
<td><strong>Year Two</strong></td>
</tr>
<tr>
<td>Company Law</td>
</tr>
<tr>
<td>Commercial Law</td>
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<tr>
<td>European Union Law</td>
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<tr>
<td>Economics</td>
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<tr>
<td>Management Studies</td>
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<tr>
<td>Management of Organisational Change</td>
</tr>
<tr>
<td>Language or Marketing/Business Finance</td>
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<tr>
<td><strong>Year Three</strong></td>
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<tr>
<td>Labour Law</td>
</tr>
<tr>
<td>Legal and Business Ethics*</td>
</tr>
<tr>
<td>Employment Relations</td>
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<tr>
<td>Cross Cultural Management</td>
</tr>
<tr>
<td>Easy</td>
</tr>
<tr>
<td>Plus a number of options from the extensive list under Year Four.</td>
</tr>
<tr>
<td><strong>Year Four</strong></td>
</tr>
<tr>
<td>Equity</td>
</tr>
<tr>
<td>Land Law</td>
</tr>
<tr>
<td>Easy</td>
</tr>
<tr>
<td>Language</td>
</tr>
<tr>
<td>Plus a number of core business modules</td>
</tr>
<tr>
<td>Plus a number of options from an extensive list. See sample below:</td>
</tr>
<tr>
<td>Available to language students in Year Four.</td>
</tr>
</tbody>
</table>

**OPTIONAL LAW MODULES**
- Administration Law
- Evidence
- Jurisprudence
- English Land Law
- Banking Law
- Criminal Law
- Property Law and Policy
- Public Law
- Administrative Law
- Business Law
- Property Law
- Management of Organisational Change
- Management
- Further information on all modules can be found at: www.nuigalway.ie/business/public-policy-law/school-of-law/courses/undergraduatecourses

| Studies Corporate Law allowed me to broaden my horizons and helped me to realise my full potential. I have fascinated people along the way through lectures, societies and activities organised by the School of Law, including an internship at the Superior Courts in 2015. Corporate Law immerses students in both business and law modules, which open up a wide range of career opportunities after your degree. |

Bachelor of Arts (Joint-Honours) in Law

The BA (Joint-Honours) in Law programme gives students the opportunity to combine the study of law with the study of other Arts subjects. In first year, students take Law as one of their three subjects and they take two other subjects from the Arts group of subjects (see page 31). The average class size in first year is 100.

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

The BA (Joint Honours) gives you a solid grounding in law while also providing you with a well-rounded degree. There is a wide variety of subjects 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 NUIG Galway so that they can complete the additional core law subjects necessary to meet the entrance and examination requirements of the professional bodies, i.e. The Law Society of Ireland, Blackhall Place, and The Honourable Society of King’s Inns.

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

International links
All the end of second year, interested students may opt to spend third year studying at a university in mainland Europe or other countries such as USA, Canada, Australia or China. These students would then return to complete their degree programme in Galway in final year.

Further study
www.nuigalway.ie/law/courses

| Year One |
| Law |
| Irish Legal System |
| Law of Torts |
| Criminal Law |
| Company Law |
| English Land Law |
| Banking Law |
| Property Law |
| Public Law |
| Business Law |
| Management of Organisational Change |
| Management |
| Further information on all modules can be found at: www.nuigalway.ie/business/public-policy-law/school-of-law/courses/undergraduatecourses

| Year Three |
| Law |
| European Union Law |
| Criminal Law |
| Administrative Law |
| Another subject chosen in second year |

| Year Two |
| Constitutional Law |
| Contract Law |
| European Human Rights |
| Sociology of Law |
| Law of the Sea |
| Legal Methods & Research |

| H5 in two subjects and passes in four other subjects from the Arts group of subjects |

| Minimum Entry Points 2016: |

| CAO Code: GY101 |
| School of Law |
| Duration: 3 years |
| Entry Requirements: See page 31 for entry requirements. |
| Average Intake: 200 |

### KEY FACT

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

### FIND OUT MORE:

School of Law
1363 91 492 792
law@nuigalway.ie
www.nuigalway.ie/law

Declan Higgins – BA (Law) 
Former Students’ Union President Currently studying in the LLB programme.

### FIND OUT MORE:

School of Law
1363 91 492 792
law@nuigalway.ie
www.nuigalway.ie/law

### KEY FACT

Studying law through the Bachelor of Arts afforded me the opportunity to also study other subjects. It was all I was interested in. 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, multifaceted and well-rounded degree.

Declan Higgins – BA (Law) 
Former Students’ Union President Currently studying in the LLB programme.

### COURSE FACTS

CAO Code: GY101

3 Years (BA Joint Honours)

Duration: 3 years

Entry Requirements: See page 31 for entry requirements.

Average Intake: 200

### COURSE FACTS

CAO Code: GY100

3 Years (BA Joint Honours)

Duration: 4 years

Entry Requirements: Minimum A-Level Grades: See www.nuigalway.ie/alevels

Average Intake: 80

### COURSE FACTS

CAO Code: GY200

Duration: 4 years

Minimum Entry Points 2016: 85

Minimum A-Level Grades: See www.nuigalway.ie/alevels

Leaving Certificate Entry Requirements: Minimum Grade H3 in two subjects and passes in four other subjects at O6/H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics and any other two other subjects; recognised for entry purposes.

A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements.

Average Intake: 80

### FIND OUT MORE:

School of Law
1363 91 492 792
law@nuigalway.ie
www.nuigalway.ie/law

Declan Higgins – BA (Law) 
Former Students’ Union President Currently studying in the LLB programme.

### FIND OUT MORE:

School of Law
1363 91 492 792
law@nuigalway.ie
www.nuigalway.ie/law

Declan Higgins – BA (Law) 
Former Students’ Union President Currently studying in the LLB programme.

### FIND OUT MORE:

School of Law
1363 91 492 792
law@nuigalway.ie
www.nuigalway.ie/law

Declan Higgins – BA (Law) 
Former Students’ Union President Currently studying in the LLB programme.
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 their final year, students take some optional courses from all three disciplines: Economics, Law, and Sociology and Political Science. Thus, they develop specialisations in their chosen policy areas covering health, crime, family, economics, the 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
- a choice of other law modules from an extensive range of options.

The BA (Public and Social Policy) provides 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 body.

The Incorporated Law Society (solicitors)
www.lawsociety.ie

The King’s Inns (barristers)
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 SC, Attorney General

Throughout the [BCL] degree I studied all the core law subjects, but many other subjects also, such as Human Rights Law and Sociology of Law. I did a moot court module that taught us how to deliver oral arguments in front of a panel of judges and I did a placement with a solicitor. I got a well-rounded degree from NUI Galway, taught by lecturers genuinely interested in their areas of expertise and in promoting the development of students.

Maggie nicAonghusa
Bachelor of Civil Law who went on to study at Oxford University

Graduate Insight

Maire Whelan, anative 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.

Maire Whelan SC, Attorney General
At NUI Galway you will get a first class education across all Engineering disciplines, taught by lecturers who are leading experts in their fields, and who will prepare you for an interesting and challenging future in your chosen engineering specialism. This coupled with the fact that we have Ireland’s premier purpose-built and award-winning Engineering Building makes NUI Galway the first choice for anyone interested in studying Engineering.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Minimum Entry Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>GY402</td>
<td>BE (Civil)</td>
<td>106</td>
</tr>
<tr>
<td>GY405</td>
<td>BE (Mechanical)</td>
<td>108</td>
</tr>
<tr>
<td>GY406</td>
<td>BE (Electronic and Computer)</td>
<td>110</td>
</tr>
<tr>
<td>GY408</td>
<td>BE (Biomedical)</td>
<td>112</td>
</tr>
<tr>
<td>GY410</td>
<td>BSc (Project and Construction Management)</td>
<td>114</td>
</tr>
<tr>
<td>GY413</td>
<td>BE (Energy Systems)</td>
<td>116</td>
</tr>
<tr>
<td>GY414</td>
<td>BE (Electrical and Electronic)</td>
<td>118</td>
</tr>
<tr>
<td>GY350</td>
<td>BSc (Computer Science and Information Technology)</td>
<td>120</td>
</tr>
<tr>
<td>GY401</td>
<td>Undenominated Engineering</td>
<td>122</td>
</tr>
</tbody>
</table>

Minimum Entry Points given on the “Course Facts” panel of the following pages are based on 2016 entry. A new Leaving Certificate grading scale, using fewer broader grade bands, will be introduced in 2017.
Bachelor of Engineering (Civil)

Civil Engineering is the profession concerned with the planning, design, construction and maintenance of the built environment. It encompasses structures ranging from the small scale, such as houses and commercial buildings, to the large, such as skyscrapers, bridges, dams and tunnels. The work of civil engineers is also evident in infrastructure like roads and motorways and rail networks, airports and harbours, as well as in transport planning/management.

The single biggest medical advance in the last 150 years has been the availability of clean drinking water, and water and wastewater treatment are important roles performed by civil engineers that help keep our population healthy. Civil engineers also have a role in mitigating the effects of climate change through the development of more sustainable forms of energy and protection from flooding, for example.

With a degree in Civil Engineering you will develop scientific, technical, organisational, computing and communication skills needed for a challenging and rewarding career as a civil engineer. In the first year you will get a solid foundation in the mathematical and scientific principles. From second year onwards you will focus on the study of structures, environmental, geotechnics, transport and hydraulics in a combination of lectures, practical work and site visits.

Work placement

A five-month work placement with a civil engineering firm takes place during your 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. Semester 2 in third year has a strong design emphasis which prepares students well for work placement.

Career prospects

Graduate employment positions for Civil Engineers include:

- Civil engineering design consultants
- Civil engineering contractors
- Local authorities and government bodies
- Energy (oil, gas, wind, wave) and mining companies
- Overseas development
- Business, finance, management and other non-engineering careers.

There is currently a shortage of Civil Engineers in Ireland as the economy recovers from the recession. Civil Engineers are needed worldwide to meet the constant demand for safe, efficient and environmentally-friendly infrastructures such as buildings, bridges, tunnels, transportation systems and water treatment systems.

International links

The degree is accredited by Engineers Ireland, and it is recognised internationally under the Washington Accord, so the skills you will learn will give you opportunities to work worldwide.

Further study

When you finish your degree you will have the option of pursuing a rime-month ME (Level 9) in Civil Engineering. This taught Masters will provide you with the extra technical knowledge and leadership management skills required to become a Chartered Engineer. This ME is accredited by Engineers Ireland, and is recognised internationally under the Washington Accord.

You can also choose to do independent research into a specialised topic, under the supervision of a staff member, leading to either a Master’s degree (Level 9) or PhD (Level 10) by research.

You can advance to Masters level (ME) through our one year taught Masters programme (September-June) that builds on the successful completion of your undergraduate programme, subject to a sufficient standard (Second Class Honours minimum). This Masters is an integrated follow-on to the BE programme and is designed to meet Engineers Ireland’s criterion for Level 9 degree, providing graduates with a route to Chartered Engineer status that will be recognised worldwide.

Masters degree education is becoming increasingly the norm internationally in engineering, and this programme strengthens the ability of our graduates to compete nationally and internationally at the highest level for employment in industry and other sectors of the economy.

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)
Bachelor of Engineering (Mechanical)

Mechanical Engineering is about designing and making all the parts and machines you see around you, from a hand-driven drive to a jet aircraft to a wind turbine. Anything that moves (and many things that don’t) are part of 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
You will undertake an eight-month (January to August) work placement during your third year of study. This Professional Experience Programme gives you an opportunity to work on projects relevant to your course of study, and it significantly improves your chances of finding placements, projects and employment.

Further study
Students can advance to masters level (ME) through our one year taught masters programme (September-June) that builds on the successful completion of their undergraduate programme, subject to a successful completion of their undergraduate programme, subject to a sufficient standard (Second Class honours minimum). This programme is an integrated follow-on to the BE programme and is designed to meet Engineers Ireland’s criterion for Level 9 degrees, providing graduates with a route to Chartered Engineering status that will be recognised worldwide.

Programme gives you an opportunity to work on projects relevant to your course of study, and it significantly improves your chances of finding placements, projects and employment.

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)
- EndComposites (design and manufacture of wind turbine blades, aircraft parts and other products with high-performance materials)
- OpenHydro (design of renewable energy systems)

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
Students can advance to masters level (ME) through our one year taught masters programme (September-June) that builds on the successful completion of their undergraduate programme, subject to a sufficient standard (Second Class honours minimum). This programme is an integrated follow-on to the BE programme and is designed to meet Engineers Ireland’s criterion for Level 9 degrees, providing graduates with a route to Chartered Engineering status that will be recognised worldwide.

Masters degree education is becoming increasingly the norm internationally in engineering, and this masters strengthens the ability of our graduates to compete nationally and internationally at the highest level for employment in industry and other sectors of the economy.

COURSE OUTLINE

Year One
- Engineering Calculus
- Engineering Mathematical Methods
- Engineering Mechanics
- Engineering Physics
- Fundamentals of Engineering
- Engineering Graphics
- Engineering Design
- Engineering Computing
- Fluid Dynamics
- Automated Systems
- Mechanical Vibrations
- Electromechanical Power Conversion
- Linear Control Systems
- Quality Systems
- Project Management for Engineers
- Introduction to regulatory affairs
- Professional Skills

In semester two of third year, students undertake an eight-month work placement.

Year Two
- Mathematics & Applied Mathematics
- Electronic Instrumentation & Sensors
- Strength of Materials
- Thermodynamics & Fluid Mechanics
- Machine Design & Manufacturing Technology
- Electrical Circuits & Systems
- CAD & Design Project
- Engineering Statistics
- Materials
- Mechanical Vibrations
- Fluid Dynamics
- Automated Systems
- Mechanical Vibrations
- Electromechanical Power Conversion
- Linear Control Systems
- Quality Systems
- Project Management for Engineers
- Introduction to regulatory affairs
- Professional Skills

Year Three
- Mechanical Analysis & Design
- Thermodynamics & Heat Transfer
- Fluid Dynamics
- Automated Systems
- Mechanical Vibrations
- Electromechanical Power Conversion
- Linear Control Systems
- Quality Systems
- Project Management for Engineers
- Introduction to regulatory affairs
- Professional Skills

Electives

Further study
Students can advance to masters level (ME) through our one year taught masters programme (September-June) that builds on the successful completion of their undergraduate programme, subject to a sufficient standard (Second Class honours minimum). This programme is an integrated follow-on to the BE programme and is designed to meet Engineers Ireland’s criterion for Level 9 degrees, providing graduates with a route to Chartered Engineering status that will be recognised worldwide.

Masters degree education is becoming increasingly the norm internationally in engineering, and this masters strengthens the ability of our graduates to compete nationally and internationally at the highest level for employment in industry and other sectors of the economy.

Key Fact
NUI Galway mechanical engineering students are part of the team that designs, builds and races an electric car that’s over 100 times more efficient than most road cars! Find out more at www.thegeec.ie.

Find out about The Geec project at www.thegeec.ie

Michelle Broderick, Mechanical Engineering
+353 91 492 223
michelle.broderick@nuigalway.ie
www.nuigalway.ie/amechan
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, and networking.

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. During your third year you will undertake an eight-month (January to August), off-campus work placement. The placement allows you to experience the real world of engineering and gives you your first taste of the excitement of working in this highly innovative field. If no external placement is available, you will be given projects on campus.

International links

The BSc 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 third year placements and in graduate employment abroad.

Career prospects

Completing the BSc 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 a wide range of careers as electronic systems 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 in a very buoyant technology market. These companies are experiencing a huge demand for their services and products globally and will need a strong supply of highly educated, enthusiastic and creative engineers to keep 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

Students can advance to masters level (MEng) through our one year taught masters programme (September-June) that builds on the successful completion of their undergraduate programme, subject to a suitable standard (Second Class Honours minimum). This programme is an integrated follow-on to the BSc programme and is designed to meet Engineers Ireland’s criteria for Level 9 degrees, providing graduates with a route to Chartered Engineering status that will be recognised worldwide.

 Masters degree education is becoming increasingly the norm internationally in engineering, and this masters strengthens the ability of our graduates to compete nationally and internationally at the highest level for employment in industry and other sectors of the economy.

For further information, go to: www.nuigalway.ie/engineering-informatics/prospectivestudents/undergraduate

BACHELOR OF ENGINEERING (ELECTRONIC AND COMPUTER)

110 111

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. NUIGalway 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)

111

Electronic and Computer Engineering

Careers:

- System on Chip Design
- Engineering Electromagnetics
- Digital Signal Processing
- Telecommunications Software Apps
- Communications and Signal Processing
- Distributed Systems & Co-Operative Computing
- Real-Time Systems
- Software Engineering
- Machine Learning & Data Mining
- Project Management
- System-level Design
- Network Protocols
- Embedded Systems Applications Programming
- Software Engineering
- Data Communications
- Digital Signal Processing
- Distributed Systems & Co-Operative Computing
- Real-Time Systems
- Software Engineering
- Machine Learning & Data Mining

Further study:

Students can advance to Masters level (MEng) through our one year taught masters programme (September-June) that builds on the successful completion of their undergraduate programme, subject to a suitable standard (Second Class Honours minimum). This programme is an integrated follow-on to the BSc programme and is designed to meet Engineers Ireland’s criteria for Level 9 degrees, providing graduates with a route to Chartered Engineering status that will be recognised worldwide.

FURTHER STUDY

Students can advance to masters level (MEng) through our one year taught masters programme (September-June) that builds on the successful completion of their undergraduate programme, subject to a suitable standard (Second Class Honours minimum). This programme is an integrated follow-on to the BSc programme and is designed to meet Engineers Ireland’s criteria for Level 9 degrees, providing graduates with a route to Chartered Engineering status that will be recognised worldwide.

Electronics 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. NUIGalway 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)
Biomedical Engineering is an exciting and rapidly expanding field. The course allows students to learn about new emerging technologies, providing 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 is an interdisciplinary degree programme that sets out to develop the technical, business, managerial and interpersonal skills needed to succeed in industry. Project and construction managers are now a specified and necessary role within the construction industry.

Becoming a project and construction manager will mean 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

When you study for the BSc degree in Project and Construction Management, you will complete a work placement as part of the Professional Experience Programme (PEP), which gives you a chance to work in a company for up to five months during 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 and quantity surveying. Because of the interdisciplinary programme, students will have a distinct advantage in gaining employment, gaining a firm understanding of a broad range of topics. In the past students have obtained placements with companies and organisations in Ireland, as well as in countries around the world, ranging from the UK to developing countries such as Zambia.

International links

Students who have studied for the BSc degree in Project and Construction Management have undertaken work placements as part of the Professional Experience Programme. 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

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 and project management in medical device/manufacturing industry. Examples of companies our graduates work for include Bord Gáis Energy (anxiety), Covidien (global healthcare products/medical devices), PPS Group (engineering consultancy), AECOM (global provider of architecture, design, engineering, and construction services), Morrison (construction company), Mercry Engineering (mechanical & electrical engineering contractors), Faccon (building and civil engineering contractors), KLT (transport and logistics), and Padraig Arthur & Associates (chartered quantity surveyors’ project management). Through the internship programme and graduates network, NUI Galway has developed strong links with industry to help graduates secure employment after completing the BSc in Project and 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. The PhD and MEngSc degrees are obtained through doing research work, with an optional minor taught element in the case of the MEngSc.

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COURSE OUTLINE

Year One
- Mathematical Studies
- Introduction to Physics
- Engineering Graphics
- Introduction to Engineering & Design
- Fundamentals of Project & Construction Management
- Engineering Computing
- Financial Accounting
- Management
- Management Accounting

Year Two
- Health & Safety Law
- Building Information Modelling (BIM)
- Strength of Materials
- Principles of Building
- Civil Engineering Materials & Design
- Business Law
- Management Accounting
- Fundamentals of Operations Engineering
- Project Planning & Organisation
- Introduction to Statistical Data & Probability

Year Three
- Economics
- Operations Research
- Human Resource Management
- Construction Operations
- Project Planning & Organisation
- Transportation Systems & Infrastructure
- Geomechanics & Geology
- Physics of the Environment
- Design of Structures
- Professional Practice

Year Four
- Project Management
- Estimates & Costing
- Management of Organisational Change
- Quality Systems
- Technology Innovation & Entrepreneurship
- The Built Environment
- Safety & Construction
- Managerial Economics
- Business Law

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 provided 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)
Energy Systems Engineering is a multidisciplinary programme that aims to address one of humanity’s most challenging questions: “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 are experts in multidisciplinary aspects of the energy challenge, including complex energy systems, the smart grid, energy supply, demand and management, policy, economics and the environment. In addition, they gain a grounding in the classic engineering disciplines of civil, electrical or mechanical engineering.

Work placement
You will go on work placement in third year for eight months in an Energy Systems Engineering-related company. Companies that employ our placement students include ESB, SSE Renewables, Thermo King, DP Energy, Wood Group Kenny, Erectus, Shell, Mastronic and Bistol Scientific. Many of our students have conducted their work placement overseas, in places like the UK, the US, Germany and Australia.

International links
Energy Systems Engineering students have created strong and growing links with the Institute for Solar Energy in Germany and the Energy Systems Engineering students have created strong and growing links with King’s College London (UK), Delft Technical University (Netherlands) and at Queen’s University Belfast.

Career prospects
The 2014 Energy Systems Engineering Graduate Employment Survey shows:
• 60% work in Ireland, with the remainder primarily in the UK.
• 54% work in 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-rate transportation companies, Smurfit Kappa, IF Nuclear, AESC, Kingspan, MCDI Kenny, Texas Instruments, Bord na Móna, ESB, Alstom and Atkins.

Further study
Students can advance to masters level (ME) through our one year taught masters programme (September-June) that builds on the successful completion of their undergraduate programme, subject to a sufficient standard (Second Class Honours minimum). This programme is an integrated follow-on to the BE programme and is designed to meet Engineers Ireland’s criterion for Level 9 degree, providing graduates with a route to Chartered Engineer status that will be recognised worldwide.

NUI Galway has developed this 60-credit, one-year Masters of Engineering (ME) course, in conjunction with the BE programme, meets Engineers Ireland’s requirements for Chartered Engineer status. Additionally, our graduates pursue PhD masters research at MT, Massachusetts Institute of Technology, USA, Imperial College London (UK), Delf Technical University (Netherlands) and at NUI Galway.

NUI Galway has developed this 60-credit, one-year Masters of Engineering in Energy Systems, which, in conjunction with the BE 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), Delf Technical University (Netherlands) and at NUI Galway.

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 eight-month (PEP) paid work placement in third year allows students to gain a feel for a real working environment. I would recommend this degree to anyone considering a broad, multi-faceted and well-rounded degree with a wide range of career opportunities.

Sorcha Tarpey – BE (Energy Systems)
Bachelor of Engineering (Electrical and Electronic)

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 developing smart, sustainable technologies for our future needs. With the ongoing emphasis on energy, there is an increasing requirement for graduates in electrical generation, transmission and distribution to work for companies like ESB, Arvality 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 Analog Devices, ON Semiconductor, Texas Instruments and Microsoft.

Demand for expertise in electric automation and control is also rising, particularly in the biomedical and pharmaceutical sectors, while the ongoing growth in telecommunications provides yet another exciting career option in the development and testing of new devices and infrastructures.

Further study

Students can advance to masters level (ME) through our one year advanced studies programmes where they can specialise in areas such as Control Systems, Power Electronics, and Telecommunications.

International links

The BE in Electrical and Electronic Engineering 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 third year placements and in graduate employment abroad.

The programme prepares graduates for careers in creating and developing our future electrical infrastructure, communications systems and smart devices.

Dr Maeve Duffy, Programme Director

Electronic Engineering, College of Engineering

Dr Maeve Duffy, Programme Director

COURe OUTLINE

Year One
- Engineering Calculus
- Engineering Mathematical Methods
- Engineering Mechanics
- Engineering Chemistry
- Engineering Physics
- Fundamentals of Engineering
- Engineering Graphics
- Engineering Design
- Engineering Computing
- Microprocessors Systems Engineering
- Communication Signals & Systems
- Digital Systems
- Digital Signal Processing
- Object Oriented Programming
- Electrical Circuits & Systems
- Electronics Instrumentation & Sensors
- Analog Systems Design
- Electronic Instrumentation & Sensors
- Communications Systems Engineering
- Digital & Analog Electronics
- System on Chip Design

Year Two
- Mathematics & Applied Mathematics
- Engineering Statistics
- Communications Systems Engineering
- Electronic Instrumentation & Sensors
- Electrical Circuits & Systems
- Analog Systems Design
- Digital Systems
- Microprocessors Systems Engineering
- Object Oriented Programming
- Fundamentals of Electromagnetic Theory
- D.O.P: Data Structures and Algorithms

Year Three
- Project Management
- Professional Skills
- Linear Control Systems
- Electromechanical Power Conversion
- Digital Systems
- Analogue Systems Design
- Signals & Communications
- Programming
- Communication Signals & Systems

In semester two of third year, students undertake an eight-month work placement (see page 10).

In my final year, I was involved in many different projects, including the development of an android app. I worked on a project to assist a wheelchair user exiting through a door during my third year. These projects helped enhance my skills and exposed me to both hardware and software on a practical level.

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In my final year, I was involved in many different projects, including the development of an android app. I worked on a project to assist a wheelchair user exiting through a door during my third year. These projects helped enhance my skills and exposed me to both hardware and software on a practical level.
Bachelor of Science (Computer Science and Information Technology)

The BSc (Honours) in Computer Science and Information Technology produces graduates that are qualified to work as professional engineers in varied CS and IT disciplines, such as digital media and games development, software engineering, medical informatics, IT consulting and energy informatics.

The student is 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 on designing and developing high quality software applications that run on devices like smartphones, laptops and servers.

This degree has problem-based learning at its core. You will acquire an in-depth knowledge of the foundations of mathematics and computer science and 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, data analytics, energy informatics, computational mathematics, scientific computing and medical bio-informatics.

Work placement
You will undertake an eight-month (January-August), off-campus work placement during your third year of study. In the event that no external placement is available, you will be given projects on campus. This Professional Experience Programme gives you an opportunity to work on projects relevant to your course of study and significantly improves your chances of obtaining employment after graduation.

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, specializing in areas such as software design and development, digital media and games, IT consultancy, telecommunications and medical informatics. Career prospects for Computer Science and Information Technology graduates remain excellent in Ireland and throughout the world. Several recent Irish Government and EU reports on future skills needs have highlighted a significant shortfall in the number of Computer Science and Information Technology graduates as the numbers taking related courses are well below the level needed to meet the demand. If you want a challenging career with excellent potential for future growth and if you want to contribute to some of the most exciting technology developments with some of the world’s most innovative companies, then completing this course is the best possible start on that path.

Further study
Graduates can pursue postgraduate study in the College of Engineering at NUIGalway 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.

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.

Graduates
I thoroughly enjoyed my four years studying Computer Science & Information Technology in NUIGalway. The variety of subjects gave me a great opportunity to explore all areas of IT and find what I was good at and what I loved. The lecturers and staff in the IT discipline are the most helpful tutors and mentors I could have asked for and were very approachable and kind when any difficulties arose. I really would recommend the course to anyone with an interest in technology, and you will meet some really fantastic people along the way.

Grace Dwyer, Graduate

COU RSE OUTLINE

Year One
- Computing Systems
- Algorithms & Information Systems
- Fundamentals of Electrical & Electronic Engineering
- Programming
- Introduction to Physics
- Professional Skills
- Mathematics
- Next-Generation Technologies
- Networks & Data Communications
- Databases Systems
- Organisation Innovation
- Human Computer Interaction
- Programming Paradigms
- Next Generation Technologies
- Mathematics

Year Two
- Software Engineering
- Computer Systems & Organisation
- Database Systems
- Mathematics
- Programming
- Networks & Data Communications
- Object-oriented Programming
- Data Structures and Algorithms
- OOP: Data Structures and Algorithms

Year Three
- Software Engineering
- Programming

Year Four
- Final Year Project
- Software Engineering
- Distributed Systems & Co-Operative Computing
- Advanced Professional Skills
- Real Time Systems
- Artificial Intelligence
- Machine Learning and Data Mining
- Graphics & Image Processing
- Modern Information Management
- Computer Security and Forensic Computing
- Systems Modelling & Simulation
- Mathematics

COU RSE FACTS

CAO Code: GY350
Course Level: 8
Duration: 4 years
Minimum Entry Points 2016: 425
Minimum A-Level Grades: See www.nuigalway.ie/levels
Leaving Certificate Entry Requirements: Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum Grade O2 or H6 in Mathematics or alternatively obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).
A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements.
Average Intake: 60

KEY FACT

According to the EU, Europe will have 825,000 vacancies by 2020 in the information and communication technologies sector.

FIND OUT MORE:
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www.it.nuigalway.ie
Undenominated Engineering

Engineering is a wide field, 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) during third year. The PEP typically lasts between five and eight months (January or April to August). This Professional Experience Programme gives you the opportunity to work on projects relevant to your course of study and significantly improve your chances of obtaining employment after graduation. In the event that no external placement is available, students will be given projects on campus.

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

Further study

Students branch into one of the eight denominated Engineering programmes in second year, depending on which type of engineering they are interested in and wish to pursue. You will continue to study that particular area for the remainder of your chosen four-year programme.

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: G4Y01
Course Level: 8
Duration: 1 year; students then transfer into a denominated programme
Minimum Entry Points: 2016: 445
Minimum A-Level Grades: See www.nuigalway.ie/levels

Leaving Certificate Entry Requirements: Minimum Grade H5 in two subjects and passes in four other subjects at O6/H7 Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory sciences subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) or Technology, and any other two subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade H4 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements.

Average Intake: 160-170

*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.
College of
MEDICINE, NURSING
AND HEALTH SCIENCES

The College of Medicine, Nursing and Health Sciences comprises three schools: Health Sciences, Nursing and Midwifery, and Medicine. We work to provide programmes that are grounded in clinical expertise and cutting-edge research to best prepare you for a challenging career in the changing healthcare environment.

GY501 Bachelor of Medicine (MB) of Surgery (BCh) and of Obstetrics (BAO) 126
GY502 BSc (Occupational Therapy) 128
GY503 BSc (Speech and Language Therapy) 129
GY504 BSc (Podiatric Medicine) 130
GY515 Bachelor of Nursing Science (General) 131
GY516 Bachelor of Nursing Science (Psychiatric) 132
GY517 Bachelor of Midwifery Science 133

Minimum Entry Points given on the ‘Course Facts’ panel of the following pages are based on 2016 entry. A new Leaving Certificate grading scale, using fewer broader grade bands, will be introduced in 2017.
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 on 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 and nursing and related health areas.

All NUI Galway, we aim to prepare you for practising medicine anywhere in the world by equipping you with the necessary clinical diagnostic and therapeutic skills. Your classmates will include the best students from all over the globe who have chosen to study medicine at NUI Galway because of its long-established reputation for excellence and student support.

We promote community engagement through our volunteering programmes, 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!

Clinical placement
Our team of highly qualified and experienced medical educators are committed to nurturing individual students and helping them to fulfil their potential. We provide high quality instruction, using the latest technologies in our state-of-the-art 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, Portumna 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)
- Masters of Science (Multidisciplinary Radiology)
- MSc and Masters in Preventive Cardiology
- Certificate/Diploma/Masters in Healthcare Simulation

Additional requirements:
- Students entering the medical programme have the option also to engage in a PhD degree through a period of dedicated research, so that after successful completion of a period that is likely to be eight years, both the medical degree and PhD are conferred. Students of the medical programme who are interested in doing a PhD will undergo a selection process at the mid-point of their medical studies, 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 (medschool@nuigalway.ie).

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)
- Masters of Science (Multidisciplinary Radiology)
- MSc and Masters in Preventive Cardiology
- Certificate/Diploma/Masters in Healthcare Simulation

I feel extremely privileged to have been afforded the opportunity to study at NUI Galway. The teaching at every stage of the course was exceptional. What I loved about Galway is how approachable both the clinicians and academics were. There were also many opportunities outside of the course that I was able to take advantage of, such as the Erasmus and summer research programmes.

Cillian McNamara
Medical Student

Additional requirements: Students must satisfy the Garda/police vetting and medical clearance requirements.

Average Intake: 120

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 diseases.

Course Facts
- CAO Code: GY501
- Course Level: 8
- Duration: 5, 6 or 8 years
- Further study: Refer below for details on how to enter all programmes
- Minimum Entry Points 2016: 723
- Minimum A-Level Grades: See www.nuigalway.ie/alevels

Minimum Points Requirement: 480 points from the same sitting of the Leaving Certificate Examination. (Applicants must achieve both the required subjects and the points in the same sitting.)

An Aptitude Test-Completion of the required Admissions Test (HPAT-Ireland) Minimum A-Level Grades: A/A/A* & c (or equivalent combination plus) HPAT-Ireland test results minimum combined score for 2014 was 720* (Not all at 720 got offers). Leaving Certificate Exam Requirements:
- GY501 Medicine (6 year):
  In addition to the 6-year requirements, a H5 in Chemistry minimum. A merit order applies based on HP; if any, attainment in the following: Biology, Physics, Mathematics and either Agricultural Science, or Mathematics and Physics. For further details, refer to the website: www.nuigalway.ie/courses/undergraduate-courses/medicine-admissions.html
- GY501 Medicine (8 year):
  Minimum Grade H6 in two subjects and passes in four other subjects at O6/ H7 level in the Leaving Certificate, including Irish, English, another language, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any other subject recognised for entry purposes.

GY501 Medicine (8 year):
Students entering the medical programme have the option also to engage in a PhD degree through a period of dedicated research, so that after successful completion of a period that is likely to be eight years, both the medical degree and PhD are conferred. Students of the medical programme who are interested in doing a PhD will undergo a selection process at the mid-point of their medical studies, 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 (medschool@nuigalway.ie).

A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements.

Further study: Students must satisfy the Garda/police vetting and medical clearance requirements.

Average Intake: 120
Bachelor of Science (Occupational Therapy)

Ocasional 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 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 a clinical setting. Practice Education takes place at the end of Semester 2 (1st year), Semester 2 (2nd year), 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
- Natural environments
- Mental health services
- Disability and aged care services
- Community Rehabilitation
- Disability services

Year One

- Principles for Practice I
- Psychology I
- Human Body Structure
- Human Body Function
- Mental Health I

Year Two

- Fundamentals of Occupational Therapy II
- Neuroanatomy
- Neurophysiology
- Health Psychology
- Enabling Occupation – Physical Disability
- Group Work and Professional Skills

Year Three

- Fundamentals of Occupational Therapy III
- Cognitive Neurophysiology
- Evidence-Based Practice
- Occupation – Community
- Standardised Testing in Occupational Therapy
- Enabling Occupation for Older Adults
- Community Engagement
- 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

BACHELOR OF SCIENCE (SPEECH AND LANGUAGE THERAPY)

Speech and language therapists enable people with communication and swallowing disorders to achieve their maximum potential. They are involved in assessing their 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 and teachers. They work in a variety of settings, including hospitals, primary care centres and schools.

Career prospects

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.

Year One

- Psychology I
- Human Body Structure
- Neuroanatomy
- Practice Education III & IV
- Case Study
- Professional Studies

Year Two

- Psychology II
- Neurolinguistics
- Neurology
- Practice Education III & IV
- Professional Studies

Year Three

- Psychology III
- Practice Education III
- Professional Studies

Year Four

- Psychology IV
- Professional Studies

Course outline

1. Course Facts
2. Bachelor of Science (Occupational Therapy)
3. Bachelor of Science (Speech and Language Therapy)
4. Key Facts
5. Find Out More

Course Facts

Occupational Therapy

128 129

Bachelor of Science (Occupational Therapy)

- Principles for Practice I
- Psychology I
- Human Body Structure
- Human Body Function
- Mental Health I

Bachelor of Science (Speech and Language Therapy)

- Psychology I
- Human Body Structure
- Neuroanatomy
- Practice Education III & IV
- Case Study
- Professional Studies

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

www.nuigalway.ie/speech_language_therapy/
I chose to study podiatric medicine 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 practise as a podiatrist upon completion of the four-year degree.

Veronica Smith – BSc (Podiatric Medicine)

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 Cnaimhseachais na hÉireann, the nursing and midwifery professions’ regulatory body. The programme is offered in partnership with the Saolta University Healthcare Group. The first three years are run within the academic year and include a combination of theory modules and clinical practice modules. 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 of clinical practice, which runs from January to September. During this period, the student will be an employee of the Saolta University Healthcare Group and paid a salary. The theoretical content comprises lectures, seminars, workshop, experiential learning, skills training and reading time.

I decided to study general nursing as it is a very valuable profession, which offers a broad spectrum of working opportunities. NUI Galway was my first preference for a number of reasons, ranging from its insightful lecturers and academic achievements to its exceptional facilities. The nursing building, Aras Moyola, is located in the centre of campus, leaving you less than five minutes away from all amenities, supermarkets and student bars. There is a number of study areas available that are specifically for nursing students, including a fully equipped PC suite, a clinical room and a coffee dock, which is frequently utilized by students for group work. Across campus, there is a nursing library with another PC suite and a vast amount of study space. All nursing books and journals are located here, making it very convenient to work.

Aoife Kiernan – third year Bachelor of Nursing Science (General)
Bachelor of Nursing Science (Psychiatric)
Saolta University Health Care Group

This four-year programme, offered in partnership with the Saolta University Health Care Group, leads to the award of a Bachelor of Nursing Science (Psychiatric) and eligibility for registration on the Psychiatric Division of the Nurses’ Register, maintained by An Bord Altranais agus Craoimhseachais na hÉireann (the Nursing and Midwifery Board of Ireland) (NBNI).

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 Saolta University Health Care Group. While on clinical placements, students will be supervised by an appropriately trained nurse. In accordance with An Bord Altranais agus Craoimhseachais na hÉireann regulations, the total requirements of the programme are 144 weeks of 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.

Career prospects
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/BCoMed

Bachelor of Midwifery Science

The Bachelor of Midwifery Science course is a four-year degree programme provided in partnership with the Saolta University Health Care 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 a practice setting. Following completion of the programme, students are eligible to apply for registration as a midwife with An Bord Altranais agus Craoimhseachais na hÉireann (the Nursing and Midwifery Board of Ireland) (NBNI).

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 Saolta University Health Care Group and will be paid a salary.

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/COMed

Find out more:

FiND OUT MORE:
School of Nursing and Midwifery, Áras Moyola, NUI Galway
www.nuigalway.ie
nursing.midwifery@nuigalway.ie
+353 91 493 432

KEY FACT
During students’ clinical internships, which is in the last semester of fourth year, they are paid a salary.

OUT e-BOOK
nursing.midwifery@nuigalway.ie
www.nuigalway.ie
nursing.midwifery

COURE FACTS

COUSE FACTS

CAO Code: G92416 Course Level: 8 Duration: 4 years Minimum Entry Points 2016: 410 Minimum A-Level Grades: See www.nuigalway.ie/alevels

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

A-Level/GCSE Entry Requirements: See page 171 and 172 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

COUSE 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 35 weeks

Work placement
Clinical placements are undertaken in the following hospitals of the Saolta University Health Care Group: Galway University Hospital, Mayo University Hospital, Castlebar, Portiuncula Hospital, Ballinasloe, and Sligo University Hospital. Placements also take place in community and mental healthcare settings in the Saolta University Health Care 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 Saolta University Health Care 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/COMed

COUSE OUTLINE

Year One – Three
- Clinical and Theory Instruction
- Theory
- Biological Sciences
- Social Sciences
- Midwifery Skills
- Midwifery Studies
- Research

Year Four

Semester One
- Clinical and Theory Instruction
- Theory

Semester Two
- Internship Clinical Practice, which runs over 35 weeks

NUI Galway is a great place to study midwifery. The midwifery programme offers the perfect balance between practical experience and lectures. Every day we learn something new and interesting. In my first year of midwifery, I had the experience of being with many women as they birthed their babies, moments I will always remember. It is such a privilege to support a woman at this very special time in her life.

Niamh Conroy – Bachelor of Midwifery Science

Find out more:

FiND OUT MORE:
School of Nursing and Midwifery
www.nuigalway.ie/nursing.midwifery

KEY FACT
Students get a broad range of clinical experience in four different clinical placement sites (Galway University Hospital, Mayo University Hospital, Castlebar, Portiuncula Hospital, Ballinasloe, and Sligo University Hospital).

CAO Code: G92417 Course Level: 8 Duration: 4 years Minimum Entry Points 2016: 440 Minimum A-Level Grades: See www.nuigalway.ie/alevels

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

Leaving Certificate Entry Requirements: See page 171 and 172 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

OUT e-BOOK
nursing.midwifery@nuigalway.ie
www.nuigalway.ie
nursing.midwifery
Studying medicine at NUI Galway has provided me with indispensable exposure to the many fields of medicine through its proximity to the tertiary health centre, University Hospital, Galway, against the backdrop of the diverse student-friendly city of Galway. As an international student, embracing the West of Ireland as my new home was a daunting prospect, but I was welcomed with open arms from my first day. The sense of community in the School of Medicine is an invaluable part of the experience, both between the student body and the faculty as well as within the student body itself. I am confident that I will graduate with the tools needed to practise medicine worldwide.

Marize Bakhet
Fourth Medicine (MB)
College of SCIENCE

At NUI Galway, the Bachelor of Science degrees are structured yet flexible, allowing you to take a variety of science subjects and explore your interests and passions, providing a sound basis for a variety of careers.

- GY301 Bachelor of Science
- GY303 BSc (Biomedical Science)
- GY304 BSc (Biotechnology)
- GY308 BSc (Environmental Science)
- GY309 BSc (Financial Mathematics and Economics)
- GY310 BSc (Marine Science)
- GY313 BSc (Environmental Health and Safety)
- GY314 BSc (Earth and Ocean Sciences)
- GY318 BSc (Biopharmaceutical Chemistry)
- GY319 BSc (Mathematical Science)
- GY320 BSc (Physics – degree options in Applied, Astrophysics, Biomedical, Theoretical)

Minimum Entry Points given on the ‘Course Facts’ panel of the following pages are based on 2016 entry. A new Leaving Certificate grading scale, using fewer broader grade bands, will be introduced in 2017.
The Bachelor of Science degree programme allows you to take a variety of subjects in the general scientific field in Year One and to gradually specialise through years Two, Three and Four. 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 degree 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 ongoing 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 or 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 and 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/BScSci

COURSE OUTLINE

Year One

Students are provided with a foundation in science and must take four modules in first year. The modules selected from:

- Applied Mathematics, Biology, Chemistry, Computer Science, Mathematics and Physics.

Year Two

All students take three pathways or two pathways plus electives.

Pathways

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

Electives: A variety of electives are offered

Year Three

Most students continue with two pathways.

Pathways

- Anatomy
- Applied Mathematics (Honours)
- Biochemistry
- Botany and Plant Science
- Chemistry
- Computer Science
- Earth and Ocean Sciences

Electives: A variety of electives are offered

Year Four

Students choose their honours degree:

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

Career prospects

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

COURSE FACTS

CAO Code: GY301
Course Level: 8
Duration: 4 years
Minimum Entry Points 2016: 400
Minimum A-Level Grades: See www.nuigalway.ie/levels

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

A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements.

Average intake: 300

KEY FACT

This programme allows students the flexibility to develop their interests and specialise step by step throughout the degree.

FIND OUT MORE:

College of Science
+353 91 492 182
science@nuigalway.ie
www.nuigalway.ie/science

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
Why should I study Anatomy?
Anatomy is of interest to those interested in the intricacies of the body. Anatomists specifically deal with the structure of the human body, from the whole organism down to the nano-scale subcellular level. The modules offered by Anatomy cover the microscopic study of cells and tissues (histology/cell biology), embryonic development (embryology), the brain and nervous system (neuroanatomy), and comprehensive human dissection (Gross Anatomy). Students specializing in Anatomy are trained in advanced research and biological imaging techniques.

What careers does a degree in Anatomy lead to?
Graduates in Anatomy have established successful careers in education and biomedical research; a proportion of graduates have chosen to undertake further training in healthcare and related fields.

Why should I study Biochemistry?
If you are interested in the biological sciences, have an inquiring mind and want to understand living processes at a molecular level, the Biochemistry course should be of interest to you. There are many exciting developments underway in biochemistry, with, for example, the sequencing of the human and other genomes, advances in stem cell research and the development of new nanotechnology tools that allow biochemists to study life in ever more detail. There are new openings for applying this knowledge in the diagnosis and treatment of diseases, in the development of useful new products and in developing novel drugs that can for example combat viruses and treat cancer and other conditions.

What kind of careers does a biochemist have?
Graduates in Biochemistry have many career opportunities in the biotechnology sector, including the biotechnology and pharmaceutical industries, biomedical and forensics laboratories, the agriculture sector, the nutrition and food industry and scientific policy making. There are also opportunities in complementary careers, including sales and marketing, scientific writing and teaching. Many graduates also go on to further research for masters and PhD degrees or to obtain other postgraduate qualifications. Biochemistry graduates can also apply for graduate entry degrees in, for example, medicine or pharmacy.

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 earth’s oxygen supply but are also the source of the food, fuel (sugar), textiles, biofuels, 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 biotechnology, genetics, biochemistry, ecology, environmental monitoring, conservation, biodiversity, bioenergy and agriculture, as well as in education, sustainable development, regulatory affairs and government policy sectors.

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 of society and can provide the knowledge for economic development, with applications in computing, medical devices, materials, energy, nanotechnology, biotechnology, drug discovery, pharmaceuticals, bio(pharmaceuticals), the environment, biology and medicine. The broadly-educated chemist can focus on topics as wide ranging with both biologists, pharmaceutical 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 Three.

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.

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.

Why should I study Geology?
Geology is the study of the earth beneath our feet, from the surface to the centre of our planet. It underpins hazard assessment, aggregates, 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 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.

What is Mathematics?

Mathematics is the language of the logical study of the structure of our world. It has developed from counting, calculating and measurement through the use of abstraction and logical reasoning. It underpins many other disciplines, such as physics, chemistry and biology, 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 Pharmacology graduates?

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 the food, pharmaceutical and biotechnological industries.

What is 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 for Microbiology graduates?

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.

Microbiology

Why should I study Microbiology?

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What careers are available for Oceanography graduates?

Oceanographers are needed to monitor, model and mitigate marine pollution, to understand the global climate system, and oceanographers are needed to monitor, model and mitigate marine pollution, to understand the global climate system, and oceanographers and renewable energy resources. Oceanography is key to addressing major global challenges, in areas like molecular biology. In addition to the traditional areas of agriculture, crop and livestock genetics, and breeding, systems biology, microbial bioconversions and agri-biotechnologies, sustainable agricultural development and agronomy, nutrition and health, food microbiology, soil sciences and agribiosciences for sustainable global development.

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 gathering 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, biodiversity and 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 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 on the development of animals, from the fertilized egg to the 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 industrially), teaching (within universities) and working as conservationists. They may also be employed by governmental bodies such as the Marine Institute, Bird Life Ireland, the National Parks and Wildlife Service or the Environmental Protection Agency, or may work in the fields of scientific journalism, forensics, science communication, commercial or medical zoology.

What is Zoology?

Zoology is the study of animals, both living and extinct, that have ever lived on Earth. Zoology underpins all the biological sciences and provides the foundation for many others, including biochemistry, biophysics, embryology, genetics, molecular biology, pathology and pathology. Zoologists work in a wide range of roles, from research and teaching.

What careers are available for Plant and AgriBiosciences graduates?

Plant and AgriBiosciences graduates are in demand in the food, pharmaceutical and biotechnological industries. 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.

PHYSICS

What is Physics?

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 muscles, 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 have in Physiology?

Graduates in Physiology normally find employment in the academic and teaching professions and in the pharmaceutical and biotechnology 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 on the development of animals, from the fertilized egg to the typical adult form, the interactions of animals with each other and with their environment, and Darwinian evolution.

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# Bachelor of Science (Biomedical Science)

**Biomedical Science** is the study of Life Science subjects related to human health and disease. Students learn about the structure and function of the human body, from the level of organs and tissues to the molecular level, as well as how drugs are used to treat disease. You will major in one of the following biomedical science pathways: 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 their 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. AstraZeneca, Johnson & Johnson), personal care industries (e.g. L’Oreal), medical technology (e.g. Medtronic, Boston Scientific) or research fields (e.g. cancer and neuroscience). Graduates can also take professional degrees in the Health Sciences (e.g. Medicine, Pharmacy, Physiotherapy, Dietetics).

## Further study

Graduates can pursue Masters or PhD in other areas, including molecular and cell biology, cancer, genetics, regenerative medicine and neuroscience. Graduates can also take professional degrees in the Health Sciences (e.g. Medicine, Pharmacy, Physiotherapy, Dietetics).

## Course Outline

### Year One
- **Biology**
- **Chemistry**
- **Physics**
- **Biomedical Science (Including Science Communication, Essays, Debate)**

### Year Two
- **Three pathways from:**
  - Anatomy, Biochemistry, Pharmacology or Physiology (two subjects for both Semesters and one other for Semester I only)
  - Biomedical Science (Including Seminars and Community Knowledge Initiative projects)

## Career prospects

Biotechnology is about using our knowledge of biology to solve real-world problems. It is about making use of molecules, cells and organisms to provide medicines and foods, or for tasks such as forensics and detecting harmful substances.

Biotechnology has a long history in agriculture, where it is used to improve crops and livestock. In recent years, biotechnology has expanded to include a wide range of fields, including medicine, agriculture, and environmental science. Biotechnology is constantly changing with new discoveries, and it is a great degree for me as a student.

This course is great because it's a small close-knit class – it's easy to get to know each other quickly and interact more with our lecturers. The variety of science modules helps us to develop transferable skills, such as critical thinking, problem-solving, and communication. Languages modules help us stand out from other science graduates.

Caoimhe Maguire – Biomedical Science

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**Course Outline**

### Year One
- **Biology**
- **Chemistry**
- **Biotechnology concepts and skills**
- **Statistics and probability, and programming**
- **Human molecular genetics**
- **Protein Biochemistry**
- **Microbiology and the environment**
- **Lab skills**
- **Chemistry**

### Year Two
- **Biotechnology skills**
  - **Biochemistry**
  - **Molecular and cellular biology**
  - **Molecular and cellular biology**
  - **Genome technology and molecular medicine**
  - **Metabolism and cell signalling**
  - **Biostatistics and Bioinformatics**
  - **Research Methods in Biomedical Science**
  - **Developmental Biology**
  - **Human nutrition**

### Year Three
- **Molecular and cellular biology**
- **Protein structure and function**
- **Genes and genome technology and molecular medicine**
- **Human nutrition**
- **Biostatistics and Bioinformatics**
- **Research Methods in Biomedical Science**
- **Developmental Biology**
- **Human nutrition**

### Year Four
- **Individual laboratory research project**
- **Topical scientific literature review**
- **Biochemistry**
- **Medical and cellular biology**
- **Modern Biotechnologies**
- **Principles and experimental design**
- **Eukaryotic cell biology**
- **Biosensing and recombinant proteins**
- **Introduction to business**

Class sizes in Biotech are small, which means we get to know each other quickly and interact more with our lecturers. The variety of science subjects gives us a solid foundation, and the placement and business and language modules help us stand out from other science graduates.

Alex Corrigan – BSc (Biotechnology)
Bachelor of Science (Environmental Science)

Environmental Science is an interdisciplinary study that 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 on 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, environmental agencies, recycling, waste management, water quality, toxicology, environmental health.

Employers include the Environmental Protection Agency, Geological Survey of Ireland, the National Parks & Wildlife Service, Teagasc, An Tasco, Waterways Ireland, the Forestry Service, National Biodiversity Records Centre, fisheries boards, the Marine Institute, local authorities and private consultancy and engineering companies, in addition to private laboratories.

Further study
www.nuigalway.ie/courses/taught-postgraduate-courses/ACSci

COURSE OUTLINE

Year One Includes
- Biology
- Chemistry
- Physics
- Hot Topics in Environmental Science
- Introduction to Law
- Introduction to Statistical Data & Probability

Year Two
- Environmental Modules
  - Ecological Survey Techniques
  - Environmental Legislation
  - Botany and Plant Science Modules
  - Botanical Field Skills
  - Fundamentals in Aquatic Plant Science
  - Plant Diversity, Physiology & Adaptation
- Earth and Ocean Sciences Modules
  - Ancient Earth Environments
- 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
- Habitats Management Planning
- Legislation for Environmental Scientists
- Environmental Microbiology
- Marine Microbiology
- Plant Resources & Ecosystems
- 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

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 if 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 McNie, who chairs the IFAC, the independent body that advises the Irish government on its budgets, and Professor Alan Anama, who is an advisor 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 to participate as interns in New York under the Ireland-U.S. Council scholarships 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 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). Moreover, because of their strong numeracy skills, graduates have also secured employment as sports odds compilers (e.g. Paddy Power) 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 sciences, economics and statistics.

Bachelor of Science (Financial Mathematics and Economics) (continued)

COURSE OUTLINE

**Year One**
- Mathematics
- Computer Science
- Economics
- Statistics of Finance
- Mathematics of Finance
- Statistics and Probability
- Mathematical Methods I
- Financial Accounting
- Intermediate Microeconomics
- Linear Algebra
- Introduction to Financial Economics
- Statistical Inference
- Complex Analysis

**Year Two**
- Differentiable Forms
- Intermediate Microeconomics
- Linear Algebra
- Introduction to Financial Economics
- Discrete Mathematics
- Modelling, Analysis and Simulation
- Statistical Inference
- Complex Analyses

**Year Three**
- Applied Regression Models
- Groups
- Microeconomics and Public Policy
- Annuities and Life Insurance
- Money and Banking
- Metric Spaces
- Economics of Financial Markets
- Macroeconomics and Public Policy
- Actuarial Mathematics I
- Business Finance
- Mathematical Modelling
-Topology

**Year Four**
- Actuarial Mathematics II: Life Contingencies
- Numerical Analysis
- Measure Theory
- Final year Project (over two semesters)
- Economics of Financial Markets Seminar I: Financial Modelling
- Economics of Financial Markets Seminar II: Financial Derivatives
- Networks
- Stochastic Processes
- International Monetary Economics
- Differential Equations with Financial Derivatives

Bachelor of Science (Marine Science)

Marine Science encompasses the study of marine life and environments, habitats, the human impact they suffer and their interactions. The degree in Marine Science is a four-year programme leading to a BSc (Hons). At the end of the programme, you will have improved your knowledge about the marine environment and will have developed your thinking and practical skills, enabling you to undertake further academic training in a wide variety of scientific disciplines or begin a 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 long and enduring relationship with the sea. The Galway Bay area is the only Irish university offering this type of 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 agencises.

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. The government’s Marine Institute is also nearby, at Oranmore.

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 and 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/GY310

International links

Students have may have opportunities to participate in international research cruises and exchanges (e.g. Hong Kong University of Science and Technology).

**COURSE OUTLINE**

**Year One**
- Chemistry
- Physics
- Biology
- Plus one of the following:
  - Mathematical Studies
  - Mathematics
  - Applied Mathematics
  - Computer Science

**Year Two**
- Fundamentals in Aquatic Plant Science
- Introduction to Ocean Science
- Microbes and the Environment
- Invertebrate Biology
- Vertebrate Zoology
- Plus at least two of the following:
  - Molecular and cellular biology
  - Evolution and the tree of life
  - Laboratory skills

**Year Three**
- Plant Resources & Ecosystems
- 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 by focusing on aquaculture and animal behaviour while travelling the world in the process.

Liam Fulbrook – BSc (Marine Science)

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 (Environmental Health and Safety)

This is a workplace-oriented, multidisciplinary programme, where students receive tuition in subjects such as safety and risk management, occupational hygiene, ergonomics, hazard 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 organisations through safe and effective work processes. The programme is fully accredited, enabling graduates to work in a health and safety role both at home and globally. There is an increased demand for graduates as the Irish economy begins to grow again.

Work placement
Students undertake a five-month (April-August), off-campus work placement following completion of their third year of study. Employers from all sectors of the economy participate in this activity, for example, pharmaceutical and biomedical device companies, the healthcare sector, construction companies, local authorities, manufacturing companies, telecom service providers, health and safety consultants and transport and logistics companies.

Further study
www.nuigalway.ie/courses/taught-postgraduate-courses/CHS

Earth and Ocean Sciences is the study of the physical and chemical processes that exist and continue to modify the Earth and its oceans. EOS graduates will be equipped with sub-disciplines of geology, geophysics, hydrogeology and oceanography and are focused on better understanding the Earth and oceans and how different components interact, from the upper atmosphere to the deep seas.

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 the marine and terrestrial environments. See www.earthworksjobs.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/EOSC

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)

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)

Biopharmaceutical Chemistry involves the study of biomolecules which are also biochemicals or biologics (such as DNA, proteins, carbohydrates and glycoproteins) and their applications as therapeutics for medicine. In particular, students learn in great depth about the chemistry related to these important agents, which are normally produced by biotechnological methods.

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 produce molecules that can substitute for the missing protein. The replacement molecule is often a modified protein, and can be prepared by biotechnological methods and then used, by synthesis of chemical and synthetic therapy.

Biopharmaceutical Chemistry is a multidisciplinary subject that combines areas of chemistry and biology. The Biopharmaceutical Chemistry course has a relatively small intake of students and includes opportunities for research and independent learning. The School of Chemistry is committed to helping students obtain valuable work experience and a six-month placement is possible between Year Three and Year Four.

Career prospects

The biopharmaceutical industry is an increasingly important player in the Irish economy. Biopharmaceutical companies located in Ireland include Abbott, Amgen, Cantocor, Eli Lilly, Genentech, GSK, and Pfizer. These companies employ 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/GC054

International links

Students have the opportunity to spend one semester or third year in the United States (e.g., University of California) or in Asia (e.g., Hong Kong University of Science and Technology).

Biopharmaceutical Chemistry is a new and exciting course. Whether you are interested in the biological sciences or in chemistry, Biopharmaceutical Chemistry has it all and with many job prospects.

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.

Samantha White – BSc (Biopharmaceutical Chemistry)

Bachelor of Science (Mathematical Science)

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/GC054

Mathematical Science graduates currently faced a strong demand for numerically skilled graduates, particularly in the IT sector, and in intellectual property. A large number of graduates have gone on to work in the financial sector, the IT sector, the pharmaceutical sector, finance, actuarial services, while others work in the IT industry, doing clinical research, in secondary and tertiary education and in the civil service.

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)**

Physicists seek 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 the 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-graduate-courses/GY320

**FIND OUT MORE:**

Dr Gary Gillanders, College of Science 1 0035 91 992 490 2 gary.gillanders@nuigalway.ie 3 www.nuigalway.ie/physics

**KEY FACT**

This is the only course in the country that allows students a taste of four areas of physics – Applied, Astrophysics, Biomedical and Theoretical Physics – in their first year.

**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 eight 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

**Grades**

- Course Level: 8
- Duration: 4 years
- Minimum Entry Points: 450
- Minimum A-Level Grades: See www.nuigalway.ie/ailevels

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

A-Level/GCSE Entry Requirements: See page 171 and 172 for matriculation entry requirements. Average Intake: 30

**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-graduate-courses/GY320

**Key Fact**

I gained in-depth knowledge in many different areas of Marine Science as the course is truly multidisciplinary. The best part of the degree was the research project in Year Four, where the lecturers hand over to you. I picked up many valuable skills, which are of great help to me now. At the moment, I am doing a bursary in the Marine Institute.

Aisling Butler – BSc (Physics and Applied Physics)
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, the Accommodation Office offers support and advice on making the right choice. You can call to our office, telephone us or check our website.

There are a variety of accommodation options to choose from, and we advise you to consider all of these before making your choice. The options include:

- Student residences
- Owner-occupied accommodation
- Private sector accommodation

Students should be booking the Student Residences in early February (prior to the September when they arrive)

Owner-occupied (self catering/food provided)

Owner-occupied accommodation is a very good option for many students, especially in your first year when you need time to adjust to university life. This type of accommodation includes single or shared rooms and covers most bills and, in some cases, meals. It can give you that extra support in a warm family atmosphere while you find your feet and adapt to university life.

This type of accommodation can be found under “Owner Occupied” at:

www.nuigalway.ie/accommodation

NUI Galway campus residence – Comhla Village

Comhla 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. Comhla 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

Rent prices are 65% cheaper in Galway than Dublin

Source: www.numbeo.com/cost-of-living (February 2016)

Other student residences

There are eight student residences near 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

Click on “Student Residences”.

These self-catering residences comprise:

- Donnáras
- Gort na Coribe
- Cúirt na Coribe
- The Student Village at Menlo Park
- Atlantis Apartments
- Centrepoint Apartments
- Donegan Court
- Ros Gort
- Gort Ard University Residence
- Private sector accommodation

Rent prices are 65% cheaper in Galway than Dublin

Source: www.numbeo.com/cost-of-living (February 2016)

Donnáras

Located on Bishop O’Donnell Road, Donnáras is approximately 25 minutes’ walking distance from the campus. It consists of 112 two-bedroom and three-bedroom self-catering apartments, providing accommodation for 400 students.

Gort na Coribe

Located on the Headford Road, Gort na Coribe offers 144 self-catering apartments and houses, with between three and six students to each apartment/house. The complex provides for 667 students and is less than 15 minutes’ walking distance from the campus.

Cúirt na Coribe

Located on the Headford Road, Cúirt na Coribe is less than 15 minutes’ walk from the campus and offers places for 369 students in a variety of self-catering apartments. All rooms are single standard or single en-suite.

The Student Village at Menlo Park

Located in Terryland, on the Headford Road, the Student Village is 15 minutes’ walking distance from the campus. The apartments provide for 140 students and there are 35 two and three-bedroom apartments with three to five students to each apartment.

Atlantis Apartments

Located on Cluain Seavus Quinike Road, the Atlantis Apartments provide for 58 students, and are less than 10 minutes’ walking distance from the campus, comprising 19 self-catering apartments, with three to four students to each apartment.

Centrepoint Apartments

Centrepoint is located on the Tuam Road, about 30 minutes’ walking distance from campus, and consists of 40 luxury apartments. Single, double, twin and en-suite rooms are available. The apartments provide for 123 students.

Donegan Court

Donegan Court is located on New Road, less than 10 minutes’ walking distance from campus, and provides single, double, twin and en-suite rooms for 54 students. In addition, there are two smaller, privately-run residences, providing full board.

Full board student residences

Ros Gort

Ros Gort 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 Rockahton 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. NUI Galway 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.

You should always be careful about signing leases and keeping contracts – even verbal agreements. This could be a costly mistake.

NUI Galway students. Each student residence provides for 140 students and there are 35 two and three-bedroom apartments with three to five students to each apartment.

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Full board student residences

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Gort Ard University Residence

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Disability Support Service

The Disability Support Service (DSS), part of the Access Centre, provides support to students, who have a disability or specific learning difficulty, including:

- Autism spectrum disorder, including Asperger’s syndrome
- ADD/ADHD
- Blindness/impaired
- Deafness or hearing impaired
- Mental health condition
- Neurological condition
- Significant ongoing illness
- Physical disability
- Specific learning difficulty, including dyslexia and dyscalculia

The DSS works closely with academic staff and other support services to enable students with a disability to become independent learners and successful graduates.

If you have one or more of the above disabilities and require particular supports, it is important that you register with the Disability Support Service (DSS) as soon as you accept your offer to NUI Galway. To register with DSS you must complete the online registration form available on the DSS webpage: http://www.nuigalway.ie/disability/

For updates. The information above is subject to change.

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 Láin 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.acocs.nuigalway.ie for updates.

Career Development Centre

– An tiondó Forbartha Garmeacha

The Career Development Centre (CDC) supports students in developing and implementing successful career plans and liaises with employers on graduate recruitment. The CDC also facilitates a variety of work based learning opportunities from on campus internships to integrated placement opportunities.

Visit the Career Development Centre information room or website so that we can work together on your career questions.

You can:

- Book an appointment for one-to-one careers advice
- Get support for the placement process
- Browse in our information room
- Attend our careers seminars and workshops
- Meet employers visiting campus
- Get relevant emails on jobs or events

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- Book an appointment for one-to-one careers advice
- Get support for the placement process
- Browse in our information room
- Attend our careers seminars and workshops
- Meet employers visiting campus
- Get relevant emails on jobs or events

Careers

Students

– The US

The University Chapels (the chaplains) emphasise and give expression to the spiritual dimension of each student and member of staff. Chaplaincy services are confidential and respectful, and are available to all. The chaplains also support and assist students who encounter social, psychological 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 University 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.

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.
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 three elements, which are outlined as follows:

1. Tuition fees  
This varies from degree programme to degree programme. Fees may be paid on your behalf by the Irish government. It is not means tested and a brief synopsis of eligibility is listed here:
   - The student is attending a full-time undergraduate course and the course is a minimum of two years’ duration.
   - The student has never been to third level before, either at NUI Galway or anywhere else in the EU.
   - The student is an Irish national who has lived in Ireland for three of the past five years.
   - The student is a national of an EU state who has lived in the EU for three of the past five years.
   - The student has official Irish refugee status and has lived in the EU for three of the past five years. See the full criteria listed at www.studentfinance.ie.

2. Student contribution charge (SCC)  
€3,000
This is payable by you. If, or when you apply for a SUSI grant and are deemed eligible, we will invoice SUSI for your SCC. This SUSI grant is means tested and you can apply online at www.susi.ie. When you register as a student with NUI Galway online, you will be required to input your SUSI application number. The Fees Office will then invoice SUSI on your behalf for the SCC.

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.susi.ie.

Financial assistance fund
Some students may find themselves experiencing financial difficulties despite being careful with money during their time at university.

At full-time students who attend a course of at least one year’s duration leading to an undergraduate qualification are eligible to apply for the Financial Aid Fund. Applicants are means tested (taking financial situation and family circumstances into account). The application forms are usually available online from late September/november. For more information, go to www.nuigalway.ie/student-services/financialaidfund.html

Living costs
Budgeting is one of the key skills you will need to develop during your time at university. Once you learn how to manage your money, you will be able to enjoy university life to the full. Here we have put together an average budget to cover living costs for one month at university.

<table>
<thead>
<tr>
<th>Expense</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent (rented excl. bills)</td>
<td>€80</td>
</tr>
<tr>
<td>Utilities</td>
<td>€30</td>
</tr>
<tr>
<td>Electricity and oil</td>
<td>€80</td>
</tr>
<tr>
<td>TV and Internet</td>
<td>€20</td>
</tr>
<tr>
<td>Phone</td>
<td>€100</td>
</tr>
<tr>
<td>Food, including a weekly</td>
<td>€260</td>
</tr>
<tr>
<td>shop and food in college</td>
<td></td>
</tr>
<tr>
<td>Books/academic requisites</td>
<td>€60</td>
</tr>
<tr>
<td>Photocopying and printing</td>
<td>€25</td>
</tr>
<tr>
<td>Transport costs (to learn)</td>
<td>€60</td>
</tr>
<tr>
<td>Recreation</td>
<td>€30</td>
</tr>
<tr>
<td>Travel</td>
<td>€45</td>
</tr>
<tr>
<td>Medical</td>
<td>€20</td>
</tr>
<tr>
<td>Monthly total</td>
<td>€1,140</td>
</tr>
<tr>
<td>Nine-month budget</td>
<td>€10,260</td>
</tr>
<tr>
<td>academic year</td>
<td></td>
</tr>
</tbody>
</table>

This table will give you a good indication of your monthly costs in Galway.

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. An A-Level applicant from Northern Ireland or the UK with grades of at least A’A’ and (A)A) will also be awarded. The exception is for entrants to Medicine, which has 10 scholarships based on the combined results of the Leaving Certificate exam and HPRF. 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 2017/2018 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 or A-Level exam, except for Medicine, as follows:

- 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.
- Scores will be determined by applying values listed under 2C on page 170.

In October 2016, scholarships will be awarded to entrants who have achieved the minimum points scores as set out above. Further information can be viewed online at www.nuigalway.ie/admissions.

2. Sports Scholarships
Some students may find themselves experiencing financial difficulties despite being careful with money during their time at university.

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 Medicina, 40 performance points will be on offer for successful candidates. Performance points apply only to courses over 350 points. Applications close for this scholarship on 31 July each year.

Elite Athlete Scholarship
NUI Galway also offers sports scholarships to a number of NUI Galway registered athletes. The scholarship consists of financial assistance, 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.

NEW for 2017

Athlete scholarships
NUI Galway also offer sports scholarships to a number of NUI Galway registered athletes. The scholarship consists of 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 in reaching 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.

Financial Assistance
Students with financial difficulties are advised to contact the Student Services Office. www.nuigalway.ie/student-services/
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.

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 discussion.

Work experience
The University facilitates a variety of work-based learning opportunities including volunteering, community partner projects, industry research projects and on-campus internships and integrated placements as part of degree courses. This gives you the chance to increase your employability and explore future career paths.

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 Library and IT 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. Group study rooms can be booked where students can 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 520,000 print books, 350,000 e-books and over 70,000 e-journals. We have an extensive collection of unique archives in areas such as literature, politics, theatre and the Irish language. 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 Library & IT Service Desk 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 Academic Skills Librarians and Skills Enquiries Assistants will provide you with the training and advice that will help you gain the information and digital literacy skills needed to navigate the resources and literature of your subject areas. 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
You can join a number of societies on campus in order to make friends, learn new skills, and explore your passions. Societies are a great way to meet new people who share your interests. Societies offer a wide range of activities, from music and arts to sports and community outreach. NUI Galway has over 116 student-led societies, covering a wide range of interests. Some popular societies include the Musical Society GUMS, the Science Society, and the Ultimate Sports Club.

NUI Galway's Societies Office is always happy to answer any questions you may have about societies. You can also check out the Societies Box on campus, which contains information about all the societies. Societies Box is also available online at www.socsbox.nuigalway.ie.

If you want to learn more about the different societies at NUI Galway, check out the list of societies below:

- **Aikido Society**
- **Art and Design Society**
- **Black History Society**
- **Business Society**
- **Civil Engineering Society**
- **Computer Science Society**
- **Dance Society**
- **Drama Society**
- **Environmental Society**
- **Football Society**
- **Gaelic Games Society**
- **Golf Society**
- **Hairdressing Society**
- **Health and Wellbeing Society**
- **History Society**
- **Human Rights Society**
- **Ice Hockey Society**
- **Japanese Society**
- **Law Society**
- **Literary Society**
- **Music Society**
- **Nursing Society**
- **Politics Society**
- **Public Health Society**
- **Rowing Society**
- **Science Society**
- **Soccer Society**
- **Swimming Society**
- **Theatre Society**
- **Volleyball Society**
- **Windsurfing Society**
- **Women’s Rugby Union Society**

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1. GENERAL ENTRY REQUIREMENTS 149

A Age 169
B Matriculation – Minimum Entry Requirements 169
C Irish Language Requirement 169
D Medical Clearance 169
E Garda Vetting/Police Clearance 169
F Third Language Requirement 169
G Assessment of Applications 169
H Selection Scheme for Medicine (allocation of places) 170

2. IRISH LEAVING CERTIFICATE APPLICANTS 170

A Matriculation 170
B Acceptable Subjects 170
C Points 170
D Students from Outside the EU Presenting the Leaving Certificate 171
E How to Apply 171

3. GCSE/GCSE A LEVELS APPLICANTS 171

A Matriculation 171
B Acceptable Subjects 171
C Irish Language Requirement and Exemption 171
D How to compare A Level grades with Points 171
E How to Apply 172

4. SCHOOL LEAVING EXAMINATIONS FROM EU COUNTRIES OUTSIDE IRELAND AND THE UNITED KINGDOM 172

A Matriculation, Exemptions and Acceptable Subjects 172
B How to Apply 172

5. SCHOOL LEAVING EXAMINATIONS FROM NON-EU COUNTRIES 173

A HEAR – Higher Education Access Route 173
B DARE – Disability Access Route to Education 173
C Access for School Leavers 174
D Access Course for Mature Students 174
E MATURE – Application on Grounds of Mature Years 174
F FETAC – Further Education and Training Awards Council 175
G Transfer 175
H Adult Learning and Professional Development 175

6. OTHER ROUTES OF ENTRY 173

A HEAR – Higher Education Access Route 173
B DARE – Disability Access Route to Education 173
C Access for School Leavers 174
D Access Course for Mature Students 174
E MATURE – Application on Grounds of Mature Years 174
F FETAC – Further Education and Training Awards Council 175
G Transfer 175
H Adult Learning and Professional Development 175

7. ADDITIONAL REGULATIONS 175

A Deferred Entry 175
B Bonus Points for Maths 175
C Special Maths Examination 176
D Information on Fees 176
E Performance Points 176

8. IMPORTANT DATES FOR APPLICANTS 177

1. GENERAL ENTRY REQUIREMENTS

1A AGE

Students must normally have attained the age of 17 by 15 January following entry, e.g. for entry 2017, date of birth must be on or before 15 January 2000. 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

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 of children 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.

Garda vetting is now a legal requirement under the Children and Vulnerable Persons Act. 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

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.

Find out more Click on your course name at: www.nuigalway.ie/courses/undergraduate-courses/

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

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

1G ASSESSMENT OF APPLICATIONS

Applications can only be assessed on the basis of information provided with the application. All relevant documentation and examination results (including any exemptions granted by NUI) that are being presented for assessment to NUI Galway must be with the Central Applications Office no later than the dates below:

Irish Leaving Certificate: 17 August 2017
Other school leaving exams: See CAD website: www.cao.ie

It may not be possible to gain entry in the current year if documents or results are presented later than the relevant dates. This includes Leaving Certificate results. It is the responsibility of applicants to provide full and accurate information in their application and notify the University of any changes or corrections to the original application. In the light of additional information which was not available at the time of selection, an offer may be amended or in exceptional circumstances withdrawn. The University also reserves the right to correct errors when they have been made in the communication of decisions and offers.
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 (IHPAT/Ireland) in 2017. Results are now only valid in the year of entry.

Further information on the selection scheme and allocation of places is available online. Applications for admission to the MB (Bachelor of Medicine) programme in NUI Galway from students who are attending, or have previously attended, all or part of a medical degree programme in another institution are considered only from those 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 the 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 his/her 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/procedures/medindex.html

2. LEAVING CERTIFICATE APPLICANTS

2A MATRICULATION

For holders of the Leaving Certificate, six subjects are required, with a minimum Grade H5 in two subjects, and at least Grade O6/H7 in four other subjects.

An applicant may combine the results of the Leaving Certificate examinations obtained in different years for matriculation registration. Only the best six subjects are taken into account for points.

Points are awarded as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Higher Paper</th>
<th>Ordinary Paper</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>100</td>
<td>56</td>
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<tr>
<td>2</td>
<td>88</td>
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<td>6</td>
<td>46</td>
<td>12</td>
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<tr>
<td>7</td>
<td>37</td>
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</tr>
</tbody>
</table>

Points for admission to Medicine are awarded as follows:

<table>
<thead>
<tr>
<th>Distinction</th>
<th>Merit</th>
<th>Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>66</td>
<td>46</td>
<td>28</td>
</tr>
</tbody>
</table>

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.

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, but can be used 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 (Gaisnáth), which has been discontinued from 2004, is not an acceptable matriculation subject for admission to NUI Galway. However, Leaving Certificate Home Economics – Scientific and Social is an acceptable matriculation subject for admission. The combining of the following subjects is not permitted:
  - Physics with Chemistry (joint) may not be presented with either Physics or Chemistry
  - Only two of History, Economic History and Economics may be presented
  - Music and Music appreciation 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:

- Biological Science
- Biology
- Physics/CheMistry
- Physics and Chemistry (joint)
- Physics

2C HOW TO APPLY

Applications for admission to all full-time undergraduate degree programmes are made through the Central Applications Office (CAO). Applications can be made online, or alternatively, please contact the CAO office to request a hard copy application form.

Find out more Central Applications Office (CAO)
Tower House
Eglinton Street
Galway
T +353 91 509 800
www.cao.ie

Applications for admission to Medicine are made through the CAO. Applications must be completed by the deadline of 1 May. Late applications will be accepted up to 11 May by the CAO.

For holders of the Leaving Certificate, six subjects are required, with a minimum Grade H5 in two subjects, and at least Grade O6/H7 in four other subjects.

Points are awarded as follows:

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<td>7</td>
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</table>

Points Awarded for Link Modules by NUI Galway

<table>
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<tr>
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<tbody>
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<td>28</td>
</tr>
</tbody>
</table>

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. 25 bonus points are awarded for a grade H6 or above in Higher Level Maths.

2D STUDENTS FROM OUTSIDE THE EU PRESENTING THE LEAVING CERTIFICATE

The following special arrangements apply in the case of students from outside the European Union whose first language is a language other than English, and who present the Leaving Certificate for matriculation 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.

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 (Grades A with Grade E, or Grade B with Grade D, are considered equivalent to two Grades C).

- GCSE A-Level/GCSE
  - At least a Grade C in four recognised subjects. The results of Leaving Certificate and GCE/GCSE examinations may not normally be combined for the purposes of an application.

3B ACCEPTABLE SUBJECTS

Not all GCE and GCSE subjects are recognised and some subjects may not be accepted in combination with one another. For further information and the full list of GCE and GCSE subjects acceptable for matriculation, consult the Entry Requirements section online.

Find out more Click on ‘Entry Requirements’ under the ‘Going to College’ heading on www.nuig.ie

3C IRISH LANGUAGE REQUIREMENT AND EXEMPTION

If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to NUI Galway. Candidates from Northern Ireland and Great Britain presenting GCE/GCSE qualifications will automatically be granted exemption from Irish and are not required to apply to the NUI for exemption.

3D HOW TO COMPARE A-LEVEL GRADES WITH POINTS

Where a Leaving Certificate grade of O3 is required, the minimum requirement is a Grade B at GCE.

Where a Leaving Certificate grade of H4/H5 is required, the minimum requirement is a Grade C at GCE A-Level.
GCE/HC points equivalence

<table>
<thead>
<tr>
<th>A1</th>
<th>A2</th>
<th>A3</th>
<th>B1</th>
<th>B2</th>
<th>B3</th>
<th>C1</th>
<th>C2</th>
<th>C3</th>
<th>D1</th>
<th>D2</th>
<th>D3</th>
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<td>65</td>
<td>60</td>
<td>55</td>
<td>50</td>
<td>45</td>
<td>40</td>
</tr>
</tbody>
</table>

4A MATRICULATION, EXEMPTIONS AND ACCEPTABLE SUBJECTS

NUI Galway welcomes applications for undergraduate degree programmes from EU applicants. Applicants must meet normal matriculation and entry requirements. Detailed information for each country is available online.

Find out more: www.nuigalway.ie/admissions

4A 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: www.cao.ie

5. SCHOOL LEAVING EXAMINATIONS FROM NON-EU COUNTRIES

For the purposes of making an application, an EU applicant is defined as a person who has been resident in an EU/EEA member state for at least three of the five years prior to entry and whose parents have been in full-time employment in an EU/EEA member state for at least five of the five years prior to entry. Those who do not meet these criteria are deemed to be non-EU applicants, and NUI Galway welcomes applications from this cohort. Non-EU applicants are required to apply online through the NUI Galway International Affairs Office, with the exception of applicants intending to study Medicine.

Applicants to Medicine from North America, Malaysia, Singapore and other non-EU countries should refer to our website for information on regional agents.

Find out more: www.nuigalway.ie/international/

5A 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 2017). Mature and FETAC students have different admission routes and can get further information on these routes from NUI Galway.

DARE – DISABILITY ACCESS ROUTE TO EDUCATION

The Disability Access Route to Education (DARE) is a supplementary admission 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.

How to apply to HEAR

1. Apply online to CAO by 5.15pm on 1 February 2017.
2. You must indicate in your CAO application no later than 5.15pm on 1 March 2017 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 2017.

HEAR applications can only be made online at 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

Find out more: www.nuigalway.ie/access

Find out more: www.nuigalway.ie/edaccess

Condition of a HEAR offer

Students who receive a HEAR offer must attend an orientation programme before the first semester. Students who accept places at NUI Galway through HEAR are offered a variety of academic, personal and social supports while studying at third level.

Find out more: www.nuigalway.ie/access

Find out more: www.nuigalway.ie/edaccess

Find out more: www.nuigalway.ie/medicines

Finding/English in Third Level

Students who require English in third level can take either English modules or a pre-sessional English course.

Find out more: www.nuigalway.ie/international/
ACCESS COURSE FOR MATURE STUDENTS

The Access Course for mature students is designed to meet the learning needs of the adult student and provide individual attention and assistance where appropriate. It aims to prepare mature students with the opportunity to prepare personally and academically for an undergraduate course of full-time study of at least three years duration at NUI Galway.

MATURE – APPLYING ON THE GROUNDS OF MATURE YEARS

If you are at least 23 years of age on or before 1 January 2017 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 2016 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 2017 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 for this test in 2017 and it will take place on Saturday 4 March 2017.

All applicants intending to apply for Medicine in 2017 on the grounds of mature years will be required to take the HPR Test. Registration closes on Monday 20 January 2017 and the test date is Saturday 25 February 2017. Mature students must also have an Honours Science subject to Leasing Certificate standard prior to taking the HPR test. Successful candidates will be invited to the MMI interview in May.

Application must be made by 1 February 2017 through the Central Applications Office. Please note that a late application cannot be made to the Admissions Office.

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
www.nuigalway.ie/mature
www.msep.ie/caserc.edu.au/
**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/specialentrancemathsexamination](www.nuigalway.ie/engineering-informatics/prospectivestudents/specialentrancemathsexamination)

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**PERFORMANCE POINTS**

**NUIGalway ‘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 NUIGalway will be on offer for successful candidates.

Find out more [www.nuigalway.ie/sports/scholarships_info.html](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 NUIGalway undergraduate courses that require more than 350 points, with the exception of GY501 Medicine.

Find out more [www.nuigalway.ie/creativeartsperformancepoints](www.nuigalway.ie/creativeartsperformancepoints)

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**Fees**

For information on fees, please refer to our website.

Find out more [www.nuigalway.ie/fees](www.nuigalway.ie/fees)

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**Important Dates for Applicants**

9C 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/specialentrancemathsexamination](www.nuigalway.ie/engineering-informatics/prospectivestudents/specialentrancemathsexamination)

9D Fees

For information on fees, please refer to our website.

Find out more [www.nuigalway.ie/fees](www.nuigalway.ie/fees)

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**September 2016**

CAO 2017 applications packs delivered to schools.

**October 2016**

**OPEN DAY**

Friday, 7 October, 9am-3pm and Saturday, 8 October, 9am-3pm

NUIGalway’s Open Days.

**November 2016**

4 November, 12.00 noon

CAO online application facility opens. Change of Course Choice (free) facility opens.

**January 2017**

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 2017**

1 February, 5.15pm

Normal closing date for applications (€40).

6 February

Online facility to amend course choices becomes available (€10 fee).

Saturday 25 February

HPAT test date.

**March 2017**

1 March, 5.15pm

Closing date for amending course choices.

1 March, 5.15pm

Closing date for final compilation of online HEAR/DARE forms.

4 March

MSAP test date.

**April 2017**

1 April, 5.15pm

Latest date for HEAR/DARE supporting documentation to arrive in CAO.

**May 2017**

1 May, 5.15pm

Closing date for late applications.

5 May

Online change of mind facility becomes available.

Before end of May

Statement of Application Record sent to all applicants by CAO.

**June 2017**

Leaving Certificate examinations.

**July 2017**

1 July, 5.15pm

Change of mind closing date.

**August 2017**

Early August

Round 0 offers for certain non-standard categories of applicant, including FETAC applicants.

Mid August

Leaving Certificate results issued.

21 August (expected date)

Round 1 offers.

28 August, 5.15pm (expected date)

Round 1 acceptances.

31 August (expected date)

Round 2 offers.

**September 2017**

Early September

HEIs begin registration and induction.

6 September, 5.15pm (expected date)

Round 2 acceptances.

**October 2017**

Early October

Results of Leaving Certificate appeals released.

18 October, 5.15pm

Offer season ends.
### Important Dates for Applicants (continued)

<table>
<thead>
<tr>
<th>Exam</th>
<th>HPAT (for medicine applicants)</th>
<th>MSAP (for mature applicants to Arts)</th>
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<tbody>
<tr>
<td>Apply</td>
<td>20 January, 5.15pm (£120 fee)</td>
<td>5 February, 5.15pm (£75)</td>
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<tr>
<td></td>
<td>1 February, 5.15pm (£110 fee)</td>
<td></td>
</tr>
<tr>
<td>Late applications</td>
<td>3 February, 5.15pm (£225 fee)</td>
<td>19 February, 5.15pm (£110 fee)</td>
</tr>
<tr>
<td>Test day</td>
<td>25 February</td>
<td>4 March</td>
</tr>
</tbody>
</table>

- **Exam HPAT (for medicine applicants)**
  - Apply: 20 January, 5.15pm (£120 fee)
  - Late applications: 3 February, 5.15pm (£225 fee)
  - Test day: 25 February

- **Exam MSAP (for mature applicants to Arts)**
  - Apply: 20 January, 5.15pm (£120 fee)
  - Late applications: 3 February, 5.15pm (£225 fee)
  - Test day: 25 February

### Useful Contacts

#### Main NUI Galway Switchboard
- NUI Galway: +353 91 492 411
- www.nuigalway.ie

#### Student Information Desk (general Student Enquiries)
- Áras Ul Chathail
- NUI Galway: +353 91 492 401
- +353 91 494 024
- +353 91 493 878
- www.nuigalway.ie/admissions

#### Admissions Office – Undergraduate (EU Applicants)
- Áras Ul Chathail
- NUI Galway: +353 91 492 401
- +353 91 494 024
- +353 91 493 878
- www.nuigalway.ie/admissions

#### Fees Office
- Áras Ul Chathail
- NUI Galway: +353 91 492 188
- +353 91 495 583
- fees@nuigalway.ie

#### Accommodation and Welfare Office
- Áras Ul Chathail
- NUI Galway: +353 91 492 742/492 264
- teresa.kelly@nuigalway.ie
- +353 91 492 750/493 540
- angela.walsh@nuigalway.ie
- +353 91 495 292
- Una.McArdle@nuigalway.ie

#### Other useful contacts

- **Central Applications Office (CAO)**
  - Tower House
  - Eglinton Street
  - Galway: +353 91 509 800
  - www.cao.ie
  - info@caio.ie

- **National University of Ireland (NUI)**
  - 49 Merrion Square
  - Dublin 2: +353 1 430 2424
  - www.nui.ie

- **Sports Scholarships**
  - NUI Galway: +353 91 493 478
  - www.nuigalway.ac/ports

- **Recruitment Office**
  - NUI Galway: +353 91 494 814
  - +353 91 495 788
  - schoolvisits@nuigalway.ie

- **Mature Students Office**
  - Áras Ul Chathail
  - NUI Galway: +353 91 493 655
  - maturestudents@nuigalway.ie

- **Adult and Continuing Education Office**
  - NUI Galway: +353 91 492 144
  - adulteducation@nuigalway.ie

- **Access Programmes**
  - NUI Galway: +353 91 493 228
  - access@nuigalway.ie

- **Disability Support Service**
  - NUI Galway: +353 91 492 813
  - disabilityservice@nuigalway.ie

- **International Affairs Office – (Non-EU Applicants)**
  - NUI Galway: +353 91 496 277
  - international@nuigalway.ie

- **Alumni Office**
  - NUI Galway: +353 91 493 750
  - www.nuigalway.ie/alumni
  - alumni@nuigalway.ie

**Useful Contacts**

- **Main NUI Galway Switchboard**
  - NUI Galway: +353 91 524 411
  - www.nuigalway.ie

- **Student Information Desk (general Student Enquiries)**
  - Áras Ul Chathail
  - NUI Galway: +353 91 492 401
  - +353 91 494 024
  - +353 91 493 878
  - www.nuigalway.ie/admissions

**Other useful contacts**

- **Central Applications Office (CAO)**
  - Tower House
  - Eglinton Street
  - Galway: +353 91 509 800
  - www.cao.ie
  - info@caio.ie

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