NUI Galway
UNDERGRADUATE PROSPECTUS 2014
RÉAMHEOLAIRE FOCHÉIME 2014
Inspiring minds since 1845
Key dates

Open Days

Visit www.nuigalway.ie/opendays to find out more about Open Days and register online for your free Open Day pack.

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From October, NUI Galway will run scheduled live information sessions. Lecturers will be available to answer your questions online. Find out more: www.nuigalway.ie/askalecturer

Summer Schools

NUI Galway offers secondary school students a series of Summer Schools in May and June. They are aimed at students in transition, 5th and 6th year and are designed to give interested students a real taste of University life through a wide range of hands-on practical and interactive activities.

- Engineering
- Computing
- Science
- Maths
- Business
- Law
- Nursing

www.nuigalway.ie/about-us/open-days/information-evenings.html
Welcome to NUI Galway

Did you know?

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

1st
Our student completion rate is higher than any other university in Ireland, at 86%.

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

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

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

3rd
NUI Galway is ranked third of the Irish universities in the prestigious Times Higher Education World University Rankings, 2012.

10%
Tá 10% de mhic léinn na hOllscoile ag déanamh staidéir ar an nGaeilge nó trí mheán na Gaeilge.
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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, and each year more than 3,000 Leaving Certificate students make NUI Galway their University of choice.
A reputation for excellence
In 2012, NUI Galway jumped to third place in the country in the *Times Higher Education* (THE) World University Rankings. NUI Galway saw the greatest rise in position of any Irish University, increasing by 31 places.

The University was also awarded the top rating of five stars in the 2012 QS Stars International rating for – teaching, research, internationalisation, engagement, innovation and infrastructure.

World-class facilities
We are in the final stages of a €400 million building programme, which includes a stunning new €40 million Engineering building, now the largest School of Engineering in Ireland, an impressive Sports Centre, a new Arts and Social Sciences Research building, which opened in September 2013, and a Biosciences Research building nearing completion.

Inspirational teaching
Top quality teaching is our priority. You will be taught by lecturers who are at the forefront of their subject area. You will be challenged to achieve your potential and to take an active part in your learning.

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

Find out more:

[www.nuigalway.ie](http://www.nuigalway.ie)
[www.youtube.com/thinkingaboutnuig](http://www.youtube.com/thinkingaboutnuig)
At NUI Galway 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 105 hectare riverside campus, giving you access to the very best facilities for teaching and learning.
Some of these facilities include:

- A state-of-the-art Sports Centre
- A dedicated Student Centre and Cultural Hub opened in 2010
- Ireland’s largest School of Engineering, opened in July 2011 (pictured)
- A brand new School of Psychology, opened in September 2013
- A new facility for Arts, Humanities and Social Sciences students, opened in April 2013
- A brand new building for Biosciences Research, opens in Autumn 2013
- A new building for Medicine students is currently under construction

An attractive riverside campus
Located along the banks of the River Corrib, NUI Galway’s 105 hectare campus offers students an attractive setting in which to study. There are green walkways through the campus and into the City, while the University’s waterways ensure that sports like rowing, kayaking and surfing are all popular student activities.

A green campus
NUI Galway is leading the way in energy efficiency. We have one of the lowest levels of energy consumption in the Higher Education sector in Ireland. We generate more than 25% of our electricity needs from our own combined heat and power plants, which are mini electricity generating stations. We even convert waste cooking oil to biodiesel to fuel University vehicles. In 2012, the University was awarded the ISO 50001 standard for energy management – only one of two universities in the country to achieve this standard.

Location, location, location
Located in the heart of Galway City, and a short walk to all of the student accommodation and amenities, the location of the campus is one of its many attractive features. As a self-contained campus, located on one site, the University is convenient and easy to get around, with low transport costs for students.

Find out more:

www.nuigalway.ie/about-us/who-we-are/the-campus/

www.nuigalway.ie
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.
Learning Biomedical Science students monitor blood pressure

As part of their studies, our Biomedical Science students worked with the community to raise awareness of the importance of elevated blood pressure (hypertension) as a risk factor for the development of cardiovascular disease. The students went on to set up a public blood pressure screening clinic on campus for students and staff.

Reaching for the Stars with SELECTED at Galway Arts Festival

The SELECTED programme offers participating students the opportunity to experience how the Galway Arts Festival is produced, attend key elements of the festival programme, and participate in talks and discussions facilitated by Irish and international arts professionals.

Annual Teddy Bear Hospital

Over 200 Medical and Science students take part in the annual Teddy Bear Hospital. 1,300 sick teddy bears are admitted to the hospital, accompanied by their minders, primary school children. The students diagnose and treat the teddy bears and in the process, they hope to help children, ranging in age from three to eight, to feel more comfortable around doctors and hospitals.

Find out more:

www.socs.nuigalway.ie
www.nuigalway.ie/cki
www.student-connect.nuigalway.ie
www.su.nuigalway.ie
At NUI Galway, you will enjoy a student experience that is truly unique. Students make up 20% of the population in Galway and are an important part of the community. There are lots of opportunities to get involved and develop personal and life skills that will always stay with you.
Connect Mentoring

The Student Connect Mentoring Programme provides a friendly introduction to NUI Galway for first year students. We connect you with existing students who have volunteered to be mentors. Your Student Connect Mentor will help you make friends and settle into university life quickly. All mentors are formally trained.

Students’ Union

The Students’ Union is run by students for students and is at the heart of student life. When you become a student, you automatically become a member of the Students’ Union and are entitled to numerous benefits and services.

Societies

Joining a society at university allows you the opportunity to try new things, meet people with similar interests and, of course, have great fun. Societies’ Day is held at the beginning of each term. It gives you the chance to find out about all the societies and join as many as you like.

ALIVE volunteer programme

NUI Galway is Ireland’s leading university for student volunteering, with more than 4,000 registered volunteers. Each year thousands of students sign up to the ALIVE programme, volunteering with over 450 organisations and availing of hundreds of community experience opportunities. Volunteering is about contributing time, skills and energy towards something bigger than you. You will gain new skills, make new friends, make a difference and also increase your job prospects.

Find out more:

www.socs.nuigalway.ie
www.nuigalway.ie/alive
www.student-connect.nuigalway.ie
www.su.nuigalway.ie
Sport

A big part of life at NUI Galway

Our state-of-the-art facilities include:

- 25m swimming pool
- National league basketball arena and sports hall
- 130-piece cardiovascular gym
- Dedicated elite training gym
- Two fitness studios
- Squash courts
- Racquetball courts
- Competitive climbing wall
We offer a generous package of Sports Scholarships. They not only include financial support but also medical support, nutritional support and advice, sports psychology, strength and conditioning, physiotherapy, sports science and mentoring supports.

We are also the only university to have a full-time Elite Sports Development Officer on campus, Gary Ryan, a former Olympic athlete.

Our outdoor facilities include an eight-lane, synthetic international standard track, grass pitches for Gaelic games, soccer and rugby, and a floodlit all-weather surface catering for all field sports.

Some of our graduates are athletes of outstanding calibre and have achieved great success in their particular sport.

Niall Burke, Arts graduate, scoring a goal against Kilkenny in the GAA Hurling All-Ireland Senior Championship Final, Kilkenny v Galway, in 2012.

Robbie Henshaw, professional rugby player for Connacht and Ireland and Arts student at NUI Galway.

Seamus Conneely, Arts graduate, was a professional footballer with Sheffield United and now plays with Sligo Rovers.

We have over 50 different sports clubs catering for all types of activity, from the elite competitor to the beginner, as well as for those who just want to keep fit and have fun.

Find out more:

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

Companies employing NUI Galway graduates say that they have the right mix of knowledge and skills to make a meaningful contribution to their businesses.

At the Career Development Centre, we encourage you to use your time at NUI Galway to increase your employability by developing your skills and exploring your options while studying, so you will have a deeper insight into what you might like to do after graduation.

Our services are available to you throughout your time at college and for up to three years after you graduate.
How our Career Development Service can help you

- One-to-one career guidance
- Seminars on occupations, employers, industry sectors and postgraduate programmes
- Workshops to develop employability and career management skills
- Opportunities to meet with potential employers
- Internships/placements
- Career modules, lectures and tutorials in many degree programmes
- Online Career Connect System to help you find a job

One of Ireland’s top universities for graduate employability

92.9% 2009
93.7% 2010
94.4% 2011
93.05% 2012

% of our graduates progressing to work or further study within six months of graduating

High Profile organisations who employ our graduates

- Pricewaterhouse Coopers
- Deloitte
- Medtronic Vascular, Galway
- Boston Scientific
- KPMG
- Electric Ireland
- Accenture

Transferable skills

- Organisation and flexibility
- Creativity and problem-solving
- Analysis and attention to detail
- Critical thinking
- Effective communication skills, both written and oral

"The recruitment of graduates from NUI Galway is a critical element of our overall Talent Management Strategy. On joining our organization, NUI Galway graduates start to add value in a short period of time and display tremendous commitment, resourcefulness and innovative capability."

Dorothy Kelly
Senior Director of Human Resources
Medtronic, Inc.

Find out more:

www.nuigalway.ie/careers
Galway is an exciting place to be a student. It is one of the most vibrant cities in Europe and is big enough to have everything – shopping facilities, theatres, restaurants, music venues, sports facilities – but is also small enough for you to get to know people easily and keep in touch with your friends.
Students make up 20% of the population in Galway. They bring youth, energy and excitement to the city, and this added dimension is what makes Galway the place to be.

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

A young, energetic city

The unique combination of a vibrant and growing city with a thriving University means that Galway has something to offer everyone and caters to young people like few other places can. It has a reputation as a young and student-friendly city.

City of culture

Galway is a cultural centre attracting thousands to its many festivals, including the world-renowned Galway Arts Festival. Theatre lovers are particularly blessed with a number of superb theatre companies based in the city, including the award-winning Druid Theatre Company, The Town Hall Theatre and the national Irish language theatre, Taibhdhearc na Gaillimhe.

A sporting city

Galway is a great sporting city. Whatever you are into – whether it is horse racing, Gaelic games, soccer and rugby to rowing, water sports, or greyhound racing – you will find it and more in Galway.

A beautiful city

In Galway, Ireland’s fourth largest city, you can enjoy the best of both worlds – the excitement of a modern and vibrant city but also some of Europe’s most beautiful and unspoilt landscapes on your doorstep.

Find out more:

- www.galwayartsfestival.ie
- www.galwayraces.com
- www.druid.ie
- www.galwayfilmfleadh.com
- www.galwaycomedyfestival.com

Photograph is courtesy of Fáilte Ireland.
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.

It is also a great way to see the world and enhance your employment prospects after you graduate.
Study in Europe

The Erasmus Programme allows you the chance to study for part of your degree in another European University or to gain work experience in Europe as part of your studies. Our students describe it as a hugely rewarding and enriching experience.

- We have over 400 places in 125 universities all over Europe.
- You can spend a semester or year of your course abroad and get full recognition for your studies at your home university.
- You may receive an Erasmus grant to assist with the costs of travelling and living abroad.

Some degree programmes include a work placement at a company, laboratory or other organisation in Europe as an integral part of the programme. An Erasmus grant may also be available for this.

Study beyond Europe

We also provide a number of opportunities to spend a year or semester in one of our partner institutions outside of Europe. Destinations include the USA, Canada, Hong Kong and Mexico.

The benefits

Studying abroad as part of your degree programme brings you lots of benefits. You can:

- Gain an entirely new perspective on your academic subject
- Enhance your CV in the eyes of a potential employer
- Discover new things about yourself and build your confidence and independence
- Meet lots of new people, have new experiences and make friends with people from different backgrounds and cultures

Find out more:

www.nuigalway.ie/international
Studying medicine is a challenging but rewarding experience! Lectures are given by doctors who are leading figures in their field of study, so you know what you’re learning is up-to-date and relevant. As the years go on, you’ll have the opportunity to conduct research, do aid work abroad and develop skills towards becoming a physician. Medicine is an incredibly worthwhile course, with many career paths to choose from.

Dr Louise Allcock

I absolutely love teaching to massive lecture theatres of students! I see it as a real challenge to engage such a diversity of students (and I think I mostly succeed). I run clicker quizzes, where we use the latest technology to get students in a lecture to vote using a clicker for the correct answer in a quiz. The students enjoy it as they can really engage with their learning.

Zoology lecturer – Deep-sea and Polar Biologist

At NUI Galway, you are joining a university where excellent teaching is our top priority. Our lecturers, many of whom are leading experts in their fields, are well known for their friendly, approachable style and level of engagement with students. We will challenge you to be the best you can, and encourage you to take an active role in your learning. A degree from NUI Galway will make you a highly employable graduate and will help you develop skills that will be useful throughout your life.

Henry Roberts

Studying medicine is a challenging but rewarding experience! Lectures are given by doctors who are leading figures in their field of study, so you know what you’re learning is up-to-date and relevant. As the years go on, you’ll have the opportunity to conduct research, do aid work abroad and develop skills towards becoming a physician. Medicine is an incredibly worthwhile course, with many career paths to choose from.

Medical Student
Aisling Nolan

I have just completed my degree in Irish Studies. I can say that the fantastic experience I had at NUI Galway is down to the exceptional lecturing staff here. The University provides a very inclusive, supportive, and challenging environment for students and ensures that ideas and discussion flow freely. The most inspiring element of the BA Connect with Irish Studies is the atmosphere and learning environment fostered in the Centre for Irish Studies. I have enjoyed my time here immensely and it has positioned me very well for graduate study and my future career.

BA Irish Studies graduate with Dr Méabh Ní Fhuatháin, Co-ordinator and Lecturer on BA Irish Studies

Darren Wallace

I am currently a third year student of denominated Earth and Ocean Sciences at NUI Galway. What is meant to be is meant to be! My course choice stemmed from meeting a graduate of Earth and Ocean Sciences while on a family holiday in Waterford. His knowledge of sea floor mapping really inspired me. Student–tutor interaction is an area where NUI Galway excels. I feel exceptionally lucky to be a student at NUI Galway and would encourage secondary school students to explore the opportunities NUI Galway has to offer.

Earth and Ocean Sciences student

Professor Patrick Lonergan

In my teaching, I believe strongly that students will only care about a subject if we lecturers show that we care about it too – so I always do my best to convey my passion and enthusiasm for drama, hoping that this will enable students to do the same thing. Our students appreciate our lecturers’ expertise and their ability to bring cutting-edge academic research to bear on the real world and real problems.

Head of Drama Programmes and leading a major research project on the Abbey Theatre Archive

Dr Alan Ahearne

I firmly believe that teaching should be research-led. I often use my own papers, reports and essays as the basis for discussions in lectures. My aim is to inspire students to think about the real world and real-world challenges, especially in the area of public policy, in new and different ways. I encourage students to put economic models to use to find solutions to relevant problems in the economy.

Head of Economics and expert on the Irish economy
Riding the waves –

Dr Katie McAnena: NUI Galway medicine graduate, Sports Scholar and one of the best windsurfing wave riders in the world.
“At NUI Galway, we encourage our students to become free-thinking, active citizens with the necessary skills to critique and re-shape society’s values and institutions.”

Dr Edward Herring, FSA
Dean of the College of Arts, Social Sciences, and Celtic Studies
Which Arts degree programme is right for you?

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

**1. Bachelor of Arts (omniBus)**

This is a three-year degree programme, with the option to choose a four-year version (BA International) involving a year’s study abroad. This is particularly applicable, though not solely reserved for students studying a modern language.

It is one of Ireland’s most popular undergraduate degree programmes, with a key attraction being the wide subject choice on offer.

<table>
<thead>
<tr>
<th>Entry</th>
<th>Apply to GY101</th>
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| 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 | This is a four-year degree programme, where you spend your third year studying abroad.  
This can only be entered via BA (Omnibus) GY101. Students are awarded places on the BA (International) on the basis of their subject choices and their second year performance. |

**SUBJECT GROUPS FOR Bachelor of Arts (omniBus) AND BA CONNECT PROGRAMMES**

Students choose FOUR subjects, but not more than ONE from any of the following groups.

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

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

**Group One**
- Archaeology
- French 9,10,13
- Mathematics 1-11

**Group Two**
- Legal Studies 1,7
- Psychology 1,6,7
- Celtic Civilisation
- Human Rights 6
- Film Studies 6
- Latin American Studies 4,8
- Drama 12

**Group Three**
- Classics
- Geography
- German 1,3,5,9,10
- Irish Studies 6
- Journalism 6

**Group Four**
- English
- Economics
- Children’s Studies 6

**Group Five**
- Sociological and Political Studies
- Information Technology 1,2
- Welsh 3
- Léann an Aistriúcháin 5,14
- Creative Writing 6
- Performing
- Arts Studies 6
- Theatre 12

**Group Six**
- History
- Spanish 4,5,8,10

**Group Seven**
- Gaeilge 9
- Italian 5,8,10
- Philosophy

Please see the footnotes 1–14 on page 27 for specific information.
2. BA CONNECT PROGRAMMES

This is a four-year BA degree which offers you all the benefits of a two-subject Bachelor of Arts degree together with a specialism of your choice. The course allows you to study special interest subjects.

<table>
<thead>
<tr>
<th>Entry</th>
<th>Direct entry into your programme of interest</th>
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Overview

Four years of academic study with the opportunity to go on a placement related to your specialism in Ireland or abroad in third year.

Programmes

See page 35 for a specific breakdown and further information on the programmes available.

Bachelor of Arts with:
- Children’s Studies GY110
- Creative Writing GY111
- Film Studies GY112
- Human Rights GY113
- Irish Studies GY114
- Performing Arts Studies GY115
- Latin American Studies GY117
- Journalism GY119

3. DENOMINATED ARTS PROGRAMMES

The Denominated Arts Programmes indicated below are highly specialised degree programmes, with individual CAO entry codes of three or four-years’ duration, depending on the programmes.

<table>
<thead>
<tr>
<th>Entry</th>
<th>Direct entry into your programme of interest</th>
</tr>
</thead>
</table>

Overview

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

Programmes

See the specific programme pages for programme details.

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

International option

The Bachelor of Arts GY103 (Public and Social Policy) and the Bachelor of Arts GY104 (Psychology) also have an international option, where students can study abroad for one year.
Bachelor of Arts (Omnibus)

What is the Bachelor of Arts (Omnibus) degree?
This is a broad degree that provides you with a foundation for further study or employment in Ireland or abroad. This three-year degree will allow you to pursue and develop your interests across a broad range of subjects. The BA will help you become a disciplined and creative thinker, capable of expressing your thoughts coherently and critically in writing.

How is this BA degree programme structured?
Four subjects are taken in First Arts from the subjects on offer. Two of the subjects passed at First Arts are pursued into Second and Final Arts.

What assistance is available to help me choose my subjects?
You will be assigned an Academic Advisor for the duration of your academic programme who will 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/.

What opportunities will I have for further study?
Many Arts graduates undertake research-based or taught postgraduate programmes. These may be academic or vocational in their focus and prepare graduates for employment in a broad 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 range of taught masters degrees and postgraduate diploma programmes of interest to Arts graduates. In the past number of years, the College has pioneered the development of structured PhD programmes which combine the traditional research dissertation of the PhD with generic and discipline-specific training modules designed to enhance students’ skills and employability. These programmes can be viewed at: www.nuigalway.ie/courses/research-postgraduate-programmes/

What are my career prospects?
There is a wide variety of careers open to Arts graduates in commercial, social, educational and public organisations. Indeed, Arts graduates may be found in every walk of life. This website gives examples of careers taken up by Arts graduates and has useful advice for those seeking to take up employment on completion of their Arts degree: www.nuigalway.ie/careers/students/degreeopp.html Or www.nuigalway.ie/courses/undergraduate-courses/arts/careerwitharts/

COURSE FACTS

CAO Code: GY101
Course Level: 8
Duration: 4 years (BA degree)
Minimum Entry Points 2012: 300
Minimum A-Level Grades: CCC (A-Level) or equivalent combination

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

A-Level/GCSE Entry Requirements: See page 3 for matriculation entry requirements.

Average Intake: 1,000

Students choose FOUR subjects, but not more than ONE from any of the following groups. Please see the footnotes 1–14 across for specific information.

Group One
- Archaeology
- French
- Mathematics 1,11

Group Three
- Classics
- Geography
- German 1,5,6,9,10

Group Two
- Legal Studies 1,7
- Psychology 1,6,7
- Celtic Civilisation

Group Four
- English
- Economics

Group Five
- Sociological and Political Studies
- Information Technology
- Welsh 5
- Léann an Aistriúcháin 1,14

Group Six
- History
- Spanish 4,5,6,9,10

Group Seven
- Gaeilge 9
- Italian 5,9,10
- Philosophy

What our students say

I chose to study Arts because it opens up a wide range of career opportunities. Arts is probably the most popular course in the college – a lot of my friends and past graduates recommended it to me. It’s an excellent course because of the great range of subjects available. It opens up lots of avenues in terms of careers such as law, business and teaching. The lecturers here have been very supportive of me as I juggle a professional sports career with University – they have given me so much help and guidance. Combining professional rugby for Connacht and Ireland, with my first year in college was difficult at first, but now I’m getting to grips with it. I am intent on getting my degree with the help and guidance of the course coordinator and the lecturers. At the moment I’m playing professional rugby. But my father always reminds me that I’m only one bad injury away from being out of the game. So I feel it’s important to have a good third level degree for the future.

Robbie Hennessy – Bachelor of Arts
Bachelor of Arts (International)

What is the BA (International) degree?
The BA (International) is a four-year version of the BA (Omnibus), BA (Public and Social Policy) and BA (Psychology) 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, abroad in a country or region where the language is widely spoken. You will pursue both of your degree subjects during the period abroad.

Students registered for two languages are required to spend a minimum of twelve weeks in each of the countries/regions where the relevant languages are spoken. This will usually consist of an academic year abroad arranged by the University in one language and a summer placement arranged by the student in the other relevant country/region. Non-language students may also take a BA International by spending a year abroad in the US or on European exchanges where programmes are available through English.

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

COURSE OUTLINE FOOTNOTES

(1) Students should note that the traditional Arts subjects listed below have restrictions on entry to Second Arts based upon performance in First Arts: Beginners’ German, Leann an Aistríúcháin, Legal Studies, Information Technology, Mathematics, Psychology. Successful completion of the subject in First Arts may not guarantee progression to Second Arts in that subject. Therefore, students are strongly advised that they should only choose one of these subjects.

(2) A class limit of 120 places operates in Information Technology in First Arts. Places are offered in the first week of registration. In order to progress to second arts students will be required to pass the CT112 module at 40% or higher in addition to attaining an average of 40% or higher in the subject.

(3) Only students obtaining at least 50 per cent on the average performance in Beginners’ German will be admitted to Second Arts German.

(4) Students registered for the BA with Latin American Studies must select Spanish as one of their three traditional subjects in addition to the Specialism of Latin American Studies.

(5) Italian, German, Spanish and Welsh may be taken at First Arts without previous knowledge of those languages. Students should note that Welsh is only available to First Arts level.

(6) Psychology is offered in First Arts of the BA Degree (Omnibus Entry – CAO Code GY101), the BA CONNECT programmes (CAO Code GY110, GY111, GY114, GY115, GY119). The subject Psychological Studies is offered to Degree level in Second Arts and Final Arts and is taken as a subject in combination with one other subject of the BA Omnibus and relevant CONNECT programmes only. Psychology is offered as a stand-alone subject in Second and Final Arts of the BA (Psychology) – CAO Code GY104, to students who entered First Arts of that programme the previous year and completed the year successfully.

(7) For students entering First Arts in September 2014, a restriction on progression to Second Arts in 2015-2016 in Legal Studies of 100 places, and in Second Arts Psychological Studies of 100 places will apply. Places in Legal Studies will be decided on academic merit in that discipline, based on the results of the First Sitting (Semester 1 and Semester 2) of the First Arts Examination in the student’s first year of attendance (2014-2015), where the student must have passed the First Arts Examination outright by achieving an average of 40% or higher in each of the four subjects. A maximum of 100 places in Second Arts Psychological Studies applies to students progressing to Second Arts in 2015-2016. Places for Psychological Studies will be decided on academic merit in that discipline, based on the results of the First Sitting (Semester 1 and Semester 2) of the First Arts Examination in the student’s first year of attendance (2014-2015), where the student must have passed the First Arts Examination outright by achieving an average of 40% or higher in each of their four subjects.

(8) Subjects in italics are Specialisms that are only available in the relevant BA CONNECT programme.

(9) In order to be eligible to progress to Second Arts in a Language (French, Gaeilge, German, Italian, Spanish), students must have passed the Language module(s) at 40% or higher in addition to attaining an average of 40% or higher in the subject in question at the First Arts Examination.

(10) Requirements on choosing a Modern Language Students should note that choosing to study a Modern Language to Degree level involves spending a period, normally a year, abroad in a country or region where the language for which they are registered is widely spoken. Students registered for two languages are required to spend a minimum of twelve weeks in each of the countries/regions where the relevant languages are spoken. This will usually consist of at least one semester in one language area and a Summer placement in the other. Alternative arrangements may be made provided they are approved in advance by academic discipline coordinators. Therefore, after having successfully completed the Second Arts Examination and in advance of registering for Final Year studies of the BA programme, students will be required to spend a period abroad in order to prepare them for the demands of the Final Year of their degree studies in a Language. Students should also be aware that when studying a Language in First, Second and Final Arts that, in addition to passing the subject overall, students must clearly pass (40% or higher) the language module(s) of the subject area in order to progress to their subsequent year of programme.

(11) Students must achieve an average of 45% in Mathematics in First Arts to progress to Mathematical Studies in Second Arts. Students must achieve 60% and pass the module MA186 in Mathematics to progress to Mathematics in Second Arts.

(12) †The subjects of Drama in group 2, and Theatre in group 5 relate only to students registering for theDenominated BA (Drama, Theatre and Performance Studies).

(13) Students wishing to take First Year French will be expected to have attained a Grade C1 in Honours French in the Leaving Certificate.

(14) Students who take Léann an Aistríúcháin must achieve an average of 60% in this subject while passing First Arts overall to be eligible to take Léann an Aistríúcháin in Second Arts.
Bachelor of Arts (Omnibus)

Programme Structure

The Bachelor of Arts (Omnibus) is a three-year, broad degree. Students must register for four subjects in First Arts. In Second and Final Arts, students continue with two of the subjects passed in First Arts. Please refer to pages 26 and 27 for full programme details.

Bachelor of Arts (International)

Programme Structure

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

Please refer to pages 26 and 27 for full programme details.
BA (Omnibus) subject Descriptions

**ARCHAEOLOGY**

Past societies are endlessly fascinating. From the astronomical sophistication of Newgrange to the imposing architecture of Norman castles, the study of Archaeology shows how humans have adapted to the physical environment, perceived their surroundings and interacted with each other. By studying how different civilisations have structured their society and attempted to understand the meaning of existence, we are, in fact, studying ourselves.

**Why study Archaeology?**

From its inception, Archaeology has played a central role in the social sciences in universities throughout the world. Archaeology contributes important insights to the story of humankind, insights that are pieced together with evidence from a host of other specialists, e.g. palaeobotanists who reconstruct ancient environments, chemists who analyse food residues from ancient pots, physicists who measure atomic decay for radiocarbon dating, zoologists who analyse animal bones, and linguists and historians who study the spoken word and written documents. 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. The Department of Archaeology at NUI Galway has an international reputation for producing quality graduates and postgraduates.

**What will I be studying?**

The first year course involves four lectures per week and some tutorials, and is a general introduction to the subject, covering important aspects of both Irish and European Archaeology, as well as exploring the practice of Archaeology. The coming together of teaching and research makes Archaeology at university a unique experience: we don’t just impart knowledge, we create it. Exciting discoveries by researchers in Galway about the lifestyles of the earliest farming communities, the geophysics at the great royal sites like Tara, and the art and architecture of the medieval world add an extra dimension to the teaching programme and ensure that students are exposed to cutting-edge research.

Careers and further study options with Archaeology

www.nuigalway.ie/careers/students/opps/archaeology.html

**CELTIC CIVILISATION**

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

**Why study Celtic Civilisation?**

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

**What will I be studying?**

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

**CLASSICS**

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

**Why study Classics?**

Traditionally the ancient Greek and Latin languages were the centre of an educational curriculum aimed at understanding the roots of European thought and culture. The subject provides a rich and varied view of language, ideas, philosophy and religion, as well as training in archaeology, art history and the investigation of the human past. Classics provides a wide range of transferable skills, such as critical analysis, analytical writing and oral presentation. It can also lead to postgraduate opportunities in such fields as linguistics, medieval studies, archaeology and heritage management.
Studying Economics gives you:

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

Why study Economics?

Careers and further study options with Classics
www.nuigalway.ie/careers/students/opps/classics.html

ECONOMICS

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

What will I be studying?

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

Careers and further study options with Economics
www.nuigalway.ie/careers/students/opps/economics.html

ENGLISH

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

Why study English?

Careers and further study options with English
www.nuigalway.ie/careers/students/opps/english.html

What will I be studying?

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

Students of French acquire a high level of written and oral communication skills. Studying the language also encourages an appreciation of the cultural traditions of the French-speaking world, and so develops the student’s own knowledge and skills. Cultural production in the French language is particularly rich and students take modules in literature, ideas, cinema, popular music, and contemporary French and Francophone societies, including such topics as sport and leisure.

What will I be studying?

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

Careers

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

Careers and further study options with French

www.nuigalway.ie/careers/students/opps/languages.html
GEOGRAPHY

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

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

Why study Geography?

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

What will I be studying?

First year introduces you to key geographical ideas, processes and concepts that impact on and shape the physical and human landscape. A significant element of first year Geography is our emphasis on field, mapping and lab skills. To help develop your abilities in this crucial area, we aim to provide two field trips (depending on resources) for you in your first year in combination with other practical and theoretical exercises. The composite nature of the discipline is reflected in the rich diversity of courses on offer in second year and third year. The conceptual and critical engagement in these years positions Geography as a fundamental academic concern in understanding the complex interactions (human and physical) within the world in which we live. Courses on offer range from Rural to Urban Geography, Coastal Environments to Climatology, Historical Geography to Political and Cultural Geography, Environmental Planning to GIS. One of the key elements of third year Geography is the opportunity you have to develop critical analytical skills in designing and executing a supervised research project.

Careers and further study options with Geography
www.nuigalway.ie/careers/students/opps/geography.html

GERMAN

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

Why study German?

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

What will I be studying?

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

Careers and further study options with German
www.nuigalway.ie/careers/students/opps/languages.html
HISTORY

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

Why study History?

In asking questions of the past and in finding the answers, students of History acquire skills that will prove invaluable in numerous career paths. Such skills include how to source information in libraries, archives and on the internet; how to test the accuracy of a claim against the available evidence; and how to formulate a coherent argument and express it effectively. Those who choose History will also gain a long-term perspective on all Arts subjects.

What will I be studying?

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

In first year, students taking History will examine the theme of war and society in Ireland and continental Europe in the era of the First World War (1914-1918) and the era of the French Revolution of 1789. As well as exploring the particular political and social pressures associated with war, the course offers a broad introduction to the techniques used by professional historians – the evaluation of contemporary sources, the balancing of different interpretations of the past, and the construction of one’s own view of historical developments. Both students who have taken History for Leaving Certificate and those who have not are welcome to choose History at NUI Galway. All will receive close attention in tutorial groups of 15 students, which meet weekly to discuss the lecture topics.

In second year, students are introduced to a broader range of time periods and themes. They take four lecture modules, of which at least one deals with each of the three main historical time periods – medieval, early modern and modern history. In addition, all students take a colloquium, which functions as an introduction to research methods.

In final year, students complete a research project as part of a seminar module and take four other modules of their choice. Denominated BA in History students also complete a minor dissertation.

Careers and further study options with History

www.nuigalway.ie/careers/students/opps/history.html

INFORMATION TECHNOLOGY

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

Why study Information Technology?

The study of Information Technology develops the cognitive and applied skills needed for the design, application and support of computerised systems. Taken in combination with another Arts subject, the study of Information Technology provides a well-rounded, third-level education, matching the needs of the information society and providing the graduate with valuable vocational skills. Graduates from the BA programme have many employment opportunities including all traditional BA avenues, these being further enhanced through the knowledge of computing acquired.

What will I be studying?

In first year, students are introduced to the fundamentals of Information Technology and Computing and they develop immediately useful skills in computer programming and internet applications. Building on this foundation, second and third year courses expose the student to more advanced topics in programming, information systems and databases, computing systems and their application (including humanities applications, artificial intelligence, human computer interaction and internet development). Final year students complete a substantial IT project which integrates the computing skills developed during the preceding years’ study (i.e. programming, databases, networks, internet applications). All of the Information Technology courses are complemented by practical laboratory classes and assignments.
ITALIAN

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

Why study Italian?

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

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

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

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

What will I be studying?

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

Careers and further study options with Italian

www.nuigalway.ie/careers/students/opps/languages.html

LÉANN AN AISTRIÚCHÁIN

Cad chuige ar cheart staidear a dhéanamh ar Léann an Aistriúcháin?

Is abháil ilghnéitheach agus suimúil é Léann an Aistriúcháin agus is cinnte go dhábhfaradhíl sé dúsánla na mac léinn agus go n-úllmhóidh sé mic léinn don saol tar éis a n-hollscóil. Cuífeadh feabhas thar cuimse ar do chuid scileanna teanga agus tabharfá tuiscint níos fearr duit ar na ceisteanna bunúsacha a bhaineann leis an aistriúchán. Tabharfá deis do mhic léinn a bhéidi i mbun staideáir ar an abháil, Léann an Aistriúcháin, eolas a aistrú ó theanga amháin go teanga eile ar bhealach gairmiúil agus cruinn. Cuífeadh na scileanna aistriúcháin seo ar chrumas na mac léinn fostaíocht a bhaint amach san eanál aistriúcháin agus iad críochnaithe lena gcuid staideáir.

Céad iad na hábhair staideáir?

I measc na n-abháil a ndéantar staideáir orthu ar an gcúrsa seo, tá Gramadach na Gaeilge, an TÀistritheoir Ríomhchuidithe, an Téarmaolaoiche, Téoric agus Stair an Aistriúcháin, Eagarthóireacht agus Forthidealaíú.

LEGAL STUDIES

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

Why study Legal Studies?

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

What will I be studying?

Year One

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

Year Two

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

Year Three

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

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

Careers and further study options with Legal Studies

www.nuigalway.ie/careers/students/opps/law.html
**MATHEMATICS**

Mathematics and Mathematical Studies incorporate all aspects of mathematics and statistics, and their applications. Mathematics is the language for the logical study of the structure of our world. It has developed from counting, calculating and measurement through the use of abstraction and logical reasoning. It is an area of great beauty and value, providing a continuous link through the intellectual, cultural and technological development of the human race for the last 5,000 years. Mathematical Studies underpin many other disciplines. Applied Mathematics is concerned with the development and use of mathematical models to investigate problems that arise in such areas as biology, engineering, physics and the social sciences.

**Why study Mathematics and Mathematical Studies?**

Graduates of these subjects have skills that are highly valued by employers, such as the ability to think rationally, process complex data reliably, and construct and use mathematical models. Graduates find employment in a wide range of areas, including the financial sector, the IT and software industry, the MET service, the civil service and the teaching profession. Opportunities for further study and research in Mathematics and its applications also exist.

**What will I be studying?**

The first year of this programme consists of a broad-ranging introduction to all aspects of Mathematics, its applications and its historical and cultural development. After first year, students will have the possibility to continue to degree level either in Mathematics or in Mathematical Studies. The subject Mathematical Studies is broadly based and offers opportunities for study across a wide range of topics in mathematics and its applications, whereas the subject Mathematics involves a particular emphasis on theoretical and abstract aspects of mathematical activity.

Careers and further study options with Mathematics
www.nuigalway.ie/careers/students/opps/maths.html

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**PHILOSOPHY**

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

**Why study Philosophy?**

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

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**PSYCHOLOGY**

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

**Why study Psychology?**

Even a little knowledge of Psychology is of relevance to those who wish to pursue careers in areas such as education, commerce, the civil service, management or the mass media. The full honours degree (see GY104 BA (Psychology) on page 53) is a basic requirement for anyone who intends to become a professional psychologist. For those wishing to combine Psychology with another subject within the BA (Omnibus) – GY101, the subject Psychological Studies is offered from second year on as one of the subject choices in the programme.

**What will I be studying?**

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

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

The completion of the one-year Higher Diploma in Psychology (Conversion) following the joint degree brings the student to the same level as those completing the denominated BA in Psychology (GY104). Entry to the Higher Diploma in Psychology (Conversion) is by competitive selection.

Careers and further study options with Psychology
www.nuigalway.ie/careers/students/opps/psychology.html

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**Careers and further study options with Philosophy**
www.nuigalway.ie/careers/students/opps/philosophy.html
SOCIOPOLITICAL STUDIES

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

Why study Sociological and Political Studies?

Sociological and Political Studies should be a definite subject for any student interested in political and social developments, current affairs and politics. Many students find it a genuinely engaging and stimulating subject in its own right. It provides an excellent basis for the development of critical thinking, communication and writing skills, and is appreciated by employers for imparting in students a superb awareness of vital social and political trends in society.

From a career perspective, Sociological and Political Studies offers an excellent foundation for a career in public administration, journalism and media, social work, business, community work, policy research and analysis, public relations and advocacy.

Postgraduate opportunities provide further qualifications through both specialised masters programmes such as the MA in Community Development, the MA in Social Work, the MA in Family Support, and the MA in Global Women’s Studies, and an MLitt and PhD by research. The President of Ireland, Michael D. Higgins, is a past graduate of and a former lecturer in the School of Political Science and Sociology.

What will I be studying?

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

Careers and further study options with Sociological & Political Studies

www.nuigalway.ie/careers/students/opps/soc_pol.html

SPANISH

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

Why study Spanish?

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

What will I be studying?

Spanish is offered at beginners’ and post-Leaving Certificate level. Students wishing to take first year Intermediate Spanish will be expected to have attained a Grade C3 or higher in the Leaving Certificate Honours Spanish paper or equivalent. Both courses aim to achieve a confident fluency in written and oral Spanish and to give students a sound understanding of major aspects of Spanish and Latin American life and modern Spanish and Latin American history and culture, including film. Students of Spanish who opt for the BA (International) spend their time abroad attached to a selected university in Spain (Alcalá de Henares (near Madrid), Bilbao, Cadiz, Extremadura, Granada, La Rioja, Malaga, Murcia, Oviedo, Salamanca, Valencia, Valladolid or Zaragoza) or Veracruz in Mexico. University placements in Spain normally attract funding from EU schemes.

Careers and further study options with Spanish

www.nuigalway.ie/careers/students/opps/languages.html

WELSH

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

Why study Welsh?

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

What will I be studying?

Welsh can be studied as one of your four First Arts subjects. You will study modules introducing you to Welsh culture and society and to Welsh literature and history. After first year, Welsh is available as an option in the BA programme of Celtic Civilisation, and must be studied to a higher level in the BA in Celtic Studies. No previous knowledge of the language is required to study Welsh.
BA CONNECT Programme Structure

What is a BA CONNECT programme?

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

Students may choose from the following special interest subjects:

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

You will have an opportunity to gain in-depth knowledge in the area that is of particular interest to you and gain valuable work and life experience in your chosen career path.

With an approximate intake of 15 students per programme, you will be able to connect with other students and benefit from the support as well as the active and personalised learning environment that is provided to a small group.

In addition to attending lectures, workshops and tutorials, you may have an opportunity to study in a university abroad or gain work experience relevant to your chosen specialism.

*Students may have the opportunity to develop a specialism-related project within one or both of their subjects.
Bachelor of Arts with Children’s Studies

What is the BA with Children’s Studies programme about?
The BA with Children’s Studies is a multidisciplinary programme that seeks to understand the human condition from the perspective of children. It focuses on children’s lived experiences and on the issues that affect them, and it draws on expertise from a wide range of areas, including literature, the creative arts, law, human rights, health promotion, sociology and psychology. At present, the BA with Children’s Studies is the only degree in Ireland or the UK that enables students to combine two Arts subjects with a specialization in Children’s Studies.

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

How will I benefit from studying this programme?
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. The course, which is both theoretical and practical, enhances the general employability of Arts graduates and assists them in gaining access to postgraduate programmes in the area.

What career prospects does this programme offer?
The BA with Children’s Studies is the perfect platform from which to pursue careers in social care, child and family support, advocacy, the creative arts, education, healthcare and community development. The particular options open to graduates vary enormously depending on the two subjects that they take with their specialization.

What placement offers can I expect?
All students are encouraged to find their own placements in conjunction with the Community Knowledge Initiative Office and the director of the programme. Placements are undertaken in the second semester of third year. Possible opportunities include working with Childline, Ability West, Barretstown, Baboro, the Scouting Association of Ireland, Children in Hospital Ireland, after-school clubs, Foroige and the NUI Galway-based Child and Family Research Centre. Students who perform well in the first two years of the programme can apply to study Children’s Studies at York University in Canada (two places are available and selection is based on grade averages), while students who have a foreign language as part of their degree can apply through Léargas and the Department of Education to work as English language assistants abroad (posts here are also competitive) or take up work placements internationally.

COURSE OUTLINE

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

Year Two
- European Fairytale
- Child Law
- Psychology

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

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

What our students say

"Children’s Studies has given me a deeper understanding of the rights and needs of children in society today while also opening up my mind to more creative careers with children. I got the opportunity to complete my third year work placement with the ISPCC Childline in Galway, which gave me practical, hands-on experience in an organisation which protects and promotes the best interests of children. I would now consider working with children in a social work or advocacy role."

Sinéad Melaniff – BA with Children’s Studies
Bachelor of Arts with Creative Writing

What is the Bachelor of Arts with Creative Writing programme about?
The BA with Creative Writing provides a unique opportunity for undergraduates with an aptitude and passion for literary expression. From the start, you will be guided and advised on a one-to-one basis by the programme director and mentor, and you will immediately be placed in a learning environment with people of similar creative interests. The programme provides a focus for you as a creative writer through a series of cooperative workshops that will in turn facilitate and guide you in your self-directed learning.

How is the programme structured?
Through a system of small-group workshop classes, you will follow a defined set of modules that provide weekly training and practice in fiction, nonfiction, poetry, drama and screenwriting. As well as meeting regularly with dedicated University teachers, you will have frequent opportunities to meet and discuss your ideas with authors and professionals from a wide variety of fields within the writing and publishing industries. You will be guided through your years at the University by the Programme Director and mentor.

How is Creative Writing assessed?
All assessment is based on continuous exercises, project work and portfolio expansion – there are no end-of-term papers or exams for Creative Writing.

Is the BA with Creative Writing for me?
Whether you are a beginner with a growing interest in creative writing or an improver who would like to strengthen your existing work and experience in the field, the BA with Creative Writing provides the ideal environment of a structured programme that enables independent expression. We welcome all kinds of writing interests, from the highly literary to popular writing and journalism, from writing for children to the practice of memoir. Whatever your preference, there is only one requirement: the wish to write well.

What further education options does this programme provide?
A BA with Creative Writing will benefit you in your other degree subjects, and your specialization 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 practise creative writing at all levels: from your undergraduate period on to the MA with Writing, and then on to a practice-based PhD. The BA with Creative Writing is the perfect foundation for your long-term commitments in this field.

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

### Year One

**Module 1: The Forms of Fiction**
This first module establishes the general pattern of subsequent classes whereby, in the company of your creative peers, you will be encouraged to develop your own creative practice while also developing your knowledge of historical and contemporary literary forms, in this case fiction in its various manifestations.

**Module 2: Exploring Nonfiction**
Varieties of nonfiction – from literary journalism to autobiography, and from travel writing to the personal essay – are currently very popular and lucrative areas within creative work and publishing. This module will help you explore the many types and techniques of literary nonfiction in terms of both the writing itself and the possibilities for publication.

**Module 3: Writing Professions**
This module will be based around regular guest talks and workshops by visiting speakers from the various writing professions. You will have the opportunity to engage with and question these writers and professionals, and you will keep an account of the visits, which will allow you to reflect on the ways in which our speakers help you to explore your writing practice and career possibilities.

### Year Two

**Module 1: The Voices and Styles of Poetry**
This workshop module will guide you through various styles and techniques for writing poetry. You will work individually and as a group with practising and published poets, who will help you to find and develop your individual poetic voice while you familiarise yourself with national and international poets and poetic traditions.

**Module 2: Dramatic Ideas**
This module will introduce you to technical aspects of the crafts of stage and screen as a basis for an exploration of writing for performance. These workshops will be led by teachers experienced in the acting professions and you will have the opportunity to develop your writing skills in the context of the various levels of creative production within the performing industries.

### Year Three

**Year Three**
The aim of year three is to encourage creative individualism and to facilitate supervised self-directed learning. There is enormous scope for you to either continue to develop work you have begun in the workshop classes or to begin something entirely new. All students must commit for the year to an independent project(s) structure, though the possibilities for what may be done within that structure are limitless.

**Independent Project**
This may take the form of a single year-long project or two separate projects (one per semester). The nature and extent of your project(s) will be agreed beforehand and coordinated by the Course Director, and you will be assigned a genre-specific editor/mentor of professional standing in the writing industries, who will be responsible for full editorial response to your work on a pre-established regular basis.

As part of this cooperative process, they can impart to you their general experience of the profession, together with recommendations for your own specific career development. Your project(s) may also be completed in conjunction with on-site professional experience in the creative fields.

### Year Four

**Year Four**
You will complete your studies in your two core degree subjects and you will normally incorporate in your final projects the specialist skills and knowledge you have gained in Creative Writing over your previous three years.

### Course Outline

**Module 1: The Forms of Fiction**
This first module establishes the general pattern of subsequent classes whereby, in the company of your creative peers, you will be encouraged to develop your own creative practice while also developing your knowledge of historical and contemporary literary forms, in this case fiction in its various manifestations.

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### Year Four

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### What our students say

> Throughout this course your semesters will be perfectly structured for giving you a taste of a variety of writing styles, spanning poetry, fiction and drama. As such, this course facilitates a refreshingly large amount of personal input. The small class sizes and like-minded folk populating them ensure that you’ll make wonderful new friends, even after hearing them critique your work each week! You’ll also get to choose from any two Arts subjects to study in tandem with your Connect classes, any of which would compliment them wonderfully. Galway city and NUI Galway similarly complement this course as two of the most prominent hubs of creativity in Ireland, making it highly recommendable.

Maria Keenan – BA with Creative Writing
Bachelor of Arts with Film Studies

What is the BA with Film Studies programme about?
Film and visual culture are powerful and influential forces in our society. The BA with Film Studies at NUI Galway offers students a unique opportunity to engage with film theories, histories and scholarship relevant to the critical discussion of cinema as a cultural form while also pursuing a traditional two-subject BA. The Huston School of Film & Digital Media is the designated centre for the study and production of film at NUI Galway. As well as a team of excellent teachers and teaching facilities for screen education, we have an unmatched DVD library and regular visits from noted Film Studies experts and film industry professionals.

How is the BA with Film Studies structured?
Four subjects, including your specialism, Film Studies, are taken in first year from the menu of subjects on offer. Subjects are organised in seven timetable groups and not more than one subject may be taken from any one group. The specialism Film Studies will be delivered in the timetable of Arts subject Group Two and may, therefore, not be studied together with the subjects Legal Studies, Psychology/ Psychological Studies or Celtic Civilisation. Please refer to the subject groupings page.

Find out more:
College of Arts, Social Sciences, and Celtic Studies
+353 91 493 958
collegearts@nuigalway.ie
www.nuigalway.ie/arts
www.filmschool.ie

What career opportunities does the BA with Film Studies offer?
The BA with Film Studies will be of interest to a broad range of students in the humanities and social sciences field, enhancing and complementing issues in other subjects, including History, Geography, Sociological and Political Studies, and English. The knowledge and skills acquired provide solid grounds for further study at graduate level and are relevant to a range of career options, including education, arts journalism and the broadcast media.

What our students say

“I really enjoyed this course. It covers a wide range of topics from Irish cinema to film adaptations and contemporary cinema. In third year, we had the opportunity to work with the other BA CONNECT courses in a unique multimedia experience and I also had the opportunity to go to Philadelphia and study a wide range of film production classes, which was an incredible experience!”

Jennifer Fox – BA with Film Studies

COURSE OUTLINE

Note:
The BA with Film Studies is primarily a theoretically-based course. It does not teach film production.

In the first and second years of this programme, students take 25 ECTS (combined) in Film Studies, where they will encounter core concepts of the subject, including narrative form, film style, genre, realism and digital cinema. The scope of the course extends to Hollywood, European and world cinematic traditions.

The third year will expose participants to a full semester of more specialised film courses, allowing for greater depth and analysis in areas such as silent cinema, film adaptation and theories of film. There is also an ‘applied film studies’ module where students develop practical skills in the capture and manipulation of moving images.

In the second semester, the programme provides the opportunity for students to travel to an overseas university where they take courses related to their specialism. In consultation with the Course Director, a student can structure a work placement as an alternative to the Erasmus exchange.

Note:
In entering the BA with Film Studies programme, potential participants should note that Film Studies takes precedence in year three over any language options. There are no dedicated Film Studies classes in fourth year, and students return to studying their two core subjects exclusively.

Average Intake: 16

What career opportunities does the BA with Film Studies offer?
The BA with Film Studies will be of interest to a broad range of students in the humanities and social sciences field, enhancing and complementing issues in other subjects, including History, Geography, Sociological and Political Studies, and English. The knowledge and skills acquired provide solid grounds for further study at graduate level and are relevant to a range of career options, including education, arts journalism and the broadcast media.

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Find out more:
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www.nuigalway.ie/arts
www.filmschool.ie
What is the BA with Human Rights programme about

Human Rights encompass a theoretical, philosophical, practical and legal system which advocates the position that individuals are the bearers of basic rights fundamental to human dignity. The BA with Human Rights examines the philosophical basis, history and origin of human rights. The concept of human rights is closely allied with ethics and morality. However, while there is widespread acceptance of the importance of human rights, there is confusion as to their precise nature and role.

The BA with Human Rights is an innovative four-year degree programme that introduces students to this increasingly important specialism, emphasising its historical evolution from the Universal Declaration of Human Rights in 1948 to its contemporary relevance as a subject and a body of law. The human rights system in international law seeks to regulate the relationship between states and individuals and defines a series of rights which states are obliged to uphold.

How is the programme structured?

The BA with Human Rights is unique in several respects: it is the only undergraduate programme of its kind in Ireland. It is a trans-disciplinary programme, which allows students to combine specialist study in human rights law and theory with general Arts subjects; and it is a four-year programme, which includes an obligatory period of work placement in third year, allowing students to experience the reality of a career in the field of human rights. In addition to the specialism in Human Rights, three subjects are taken in First Arts from the menu of subjects on offer. Subjects are organised in seven timetable groups and not more than one subject may be taken from any one group. In second year, two of the subjects chosen at First Arts plus Human Rights are studied. In third year, through the work placement with a human rights organisation and course work, the student will pursue a full year of study relating to this specialism. In fourth year, students complete their studies in their two degree subjects, and will normally incorporate in their final projects knowledge gained in their study of human rights in the previous three years.

What will I be studying while doing the Human Rights programme?

The programme examines a range of issues that have been brought into human rights doctrine and discourse. Students are introduced to the basic principles of non-discrimination, equality and human dignity. The programme offers an introduction to the United Nations system for the promotion and protection of human rights while also examining regional and national systems and the role of Non-Governmental Organisations (NGOs).

What subject choices will I have while specialising in Human Rights?

The specialism Human Rights will be delivered in the timetable of Arts subject Group Two, and may, therefore, not be studied together with the subjects Legal Studies, Psychology/Psychological Studies or Celtic Civilisation. Please refer to the subject groupings page.

What further education options can I expect to have?

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

The Irish Centre for Human Rights is recognised as a world leader in the area of human rights and has developed a global reputation for excellence in the field of human rights teaching, research and advocacy.

What career opportunities are offered by being awarded a BA with Human Rights?

The degree will provide an excellent foundation for many types of career, including working in public administration, journalism, community work, management, development agencies and international organisations.
The Bachelor of Arts with Human Rights is an exciting, four year degree programme offered by the College of Arts, Social Sciences, and Celtic Studies in conjunction with the Irish Centre for Human Rights. The programme is unique in several respects, chiefly because it is the only undergraduate programme of its kind in the Republic of Ireland, allowing undergraduates to specialise in a field that was previously reserved to postgraduate study. The programme examines the philosophical basis, history and origin of human rights while remaining grounded in the reality of events that have shaped the world. During the first two years of the programme, students are based on campus in NUI Galway and engage with human rights discourse through class-based teaching at the Irish Centre for Human Rights, supported by field trips and lectures by visiting experts.

### Year One
In their first year, students will be introduced to the basic principles of human rights through an in-depth exploration of the foundations of this field as contained in the Universal Declaration of Human Rights. The programme will also offer an introduction to the United Nations system for the promotion and protection of human rights while also examining regional and national systems, and the role of non-governmental organizations (NGOs). Students will further participate in weekly class discussions on current human rights developments.

### Year Two
A more thematic approach to human rights analysis is adopted in the second year of the programme, during which historical themes and contemporary issues are raised and examined so that students develop an understanding of how human rights interact and potentially conflict with each other in specific situations. The second year of the programme will, therefore, enable students to analyse the difficulties of realising human rights on the ground and will teach them to think practically when approaching human rights problems in reality.

Topics are subject to the availability of lecturers in any one year, but subjects which may be covered include liberty and detention, human rights and armed conflict, minority rights, universality and cultural relativism, as well as economic, social and cultural rights.

### Year Three
During the third year of the programme, students are required to undertake a work placement outside of the University setting to develop practical skills and experience the reality of a career in the field of human rights. This placement is similar in style to a traditional internship. However, it departs slightly from that format as it is an integrated requirement of an academic course. Although they may change from year to year, placements to date have been secured around the world – from Dublin to London, Paris, Los Angeles, Montreal, San Ramon in Nicaragua and Durban. It is planned that placements will take place in semester two after a series of lectures and research during semester one.

### Year Four
You will complete your studies in your two core degree subjects and may incorporate in your final year projects the specialist skills and knowledge you have gained in human rights over your previous three years.

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**What our students say**

“This programme gives students the opportunity to study two arts subjects and then specialise in human rights. The first year of our programme focused on the introduction to human rights and provided me with a general understanding of human rights principles and mechanisms. For the third year, we were required to do a six-month internship in any field of human rights. I had the amazing opportunity to be technical assistant to Commissioner Lucy Asuagbor of the African Commission of Human and Peoples’ Rights.”

Róisín Mangan – BA with Human Rights

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**COURSE FACTS**

<table>
<thead>
<tr>
<th>CAO Code: GY113</th>
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<tbody>
<tr>
<td>Course Level: 8</td>
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<tr>
<td>Duration: 4 years</td>
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<tr>
<td>Minimum Entry Points 2012:</td>
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<tr>
<td>425</td>
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<tr>
<td>Minimum A-Level Grades:</td>
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<td>ABB (A-Level) &amp; c (AS) or equivalent combination</td>
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<td>Leaving Certificate Entry</td>
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<td>Requirements: Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.</td>
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<tr>
<td>A-Level/GCSE Entry Requirements: See page 150 for matriculation entry requirements.</td>
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<tr>
<td>Additional Requirements:</td>
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<tr>
<td>Students must satisfy the Garda/ police vetting requirements.</td>
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<tr>
<td>Average Intake: 15</td>
</tr>
</tbody>
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Find out more:

College of Arts, Social Sciences, and Celtic Studies

+353 91 493 958
humanrights@nuigalway.ie
www.nuigalway.ie/human_rights.ie
Bachelor of Arts with Irish Studies

What is Irish Studies?
Irish Studies at NUI Galway examines aspects of Irish culture in its historical and contemporary forms. It includes the study of literature, television and film, and traditional music and dance. Irish language material is studied in translation.

How is the BA with Irish Studies structured?
Four subjects, including Irish Studies, are taken in first year. Subjects are organised in seven timetable groups and not more than one subject may be taken from any one group. Irish Studies is delivered in the timetable of Arts subject Group Three. Therefore, it may not be studied with Classics, Geography or German. Please refer to the subject groupings page.

What further education options will I have?
The degree provides a basis for further studies in literature, history, ethnomusicology, social and political science, and related disciplines. An interdisciplinary MA in Irish Studies is offered in addition to the Masters programmes available in Gaeilge, History and English.

What career opportunities will I have?
The knowledge and skills acquired in this programme are relevant to a range of career options, including education, journalism and communications, arts and heritage, publishing and the public service.

COURSE OUTLINE
An interdisciplinary approach is adopted throughout as students explore the core question of what it means to be Irish through literature, music and dance, television and film. Students examine how Irish identity and Ireland's self-image has changed over the past two centuries, from de Valera's Ireland to the self-confident multiculturalism of Riverdance and the challenges of the post-Celtic Tiger economy. The programme focuses on the extent to which writers, film-makers and musicians create and critique stereotypes of Ireland and Irishness, and how a sense of Irish identity is constructed for ourselves and for others. All classes are taught through English.

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

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

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

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

What our students say
“...I think doing the BA With Irish Studies is a fantastic opportunity for anyone. It allows you focus on Irish Studies alongside your general Arts degree. The classes are small and the lecturers are hands-on and so accessible that you can’t help but be enthusiastic about your course. Irish studies is a very broad and versatile course that would appeal to anyone with an interest in Irish culture, music, history, politics, literature and language. The core questions and I believe the most exciting aspects of the course are ‘What is Irish Identity, how has it changed and if it is still changing?’ What I loved about the course is that you learn about the impact Irish identity has on your personal experience and I saw this from studying many famous Irish writers at home and abroad. It is definitely a very fun and interesting course in which your curiosity is constantly stimulated.”

Treasa McGrath – BA with Irish Studies

Find out more:
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Bachelor of Arts with Performing Arts Studies

What is the BA with Performing Arts Studies about?

This programme introduces students to dramatic literature, theatre history, and practical theatre, including acting. The programme is practice-based, with much of the teaching done through workshops. Students benefit from the strong links already forged with the theatre community. NUI Galway has a rich tradition in the arts: several of our former students have founded theatre companies locally, nationally and internationally.

What subject choices will I have?

This specialism is delivered in the timetable of Arts subject Group Five and therefore may not be studied with Sociological and Political Studies, Information Technology, Welsh or Leán an Aistríúcháin. Students should contact the Programme Director for further advice on timetabling and subject choice restrictions and should be aware that some classes will be delivered in the evenings. Please refer to the subject groupings page.

What international study opportunities are there?

In their third year, students taking a modern language as one of their degree subjects combine taking classes in a country where that language is the native tongue with studying the theatrical practice and culture of that European country. Scholarships to universities in America are also available. Students not travelling abroad participate in workshops developed by theatre practitioners and will work with a professional director on a stage production.

What further education and career opportunities will I have?

The course serves as a foundation for those wishing to pursue the study of practical theatre and/or theatre history. It is also suitable for students who wish to engage in acting and theatre production. Students will also be able to develop their writing and directing skills in public speaking, research leadership and teamwork. Such skills are vital to the creative industries but are transferable to many other forms of employment. An MA in Drama and Theatre is on offer at NUI Galway.

COURSE OUTLINE

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

Year One
- Theatre Workshop I
- Theatre Workshop II
- Theatre History

Year Two
- Acting Techniques and Performance History
- Styles of Performance

Year Three
- The Theory and Practice of Acting and Directing
- Practical Theatre Experience
- Theatre Experience (Abroad)

Year Four
- Students take degree subjects only

What our students say

“This programme allows you to 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

COURSE FACTS

CAO Code: GY115
Course Level: 8
Duration: 4 years
Minimum Entry Points 2012: 410
Minimum A-Level Grades: BBB (A-Level) & c (AS) or equivalent combination

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

A-Level/GCSE Entry Requirements: See page 150 for matriculation entry requirements.

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

Average Intake: 15

Find out more:
Professor Patrick Lonergan
Course Director
Drama, School of Humanities

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Bachelor of Arts with Latin American Studies

What is Latin American Studies about?
Latin American Studies explores the unique cultures and societies of South and Central America and the Caribbean through their literature, visual arts, history, sociology and politics. The course draws on the range of expertise that exists within Spanish and other disciplines at NUI Galway, and is coordinated by the Spanish Department.

How is the programme structured?
Over the four years of the programme, the content includes modules on Latin American literature, visual arts and culture, history, society and politics, and students will be introduced to a wide range of cultural and theoretical approaches. Students taking this programme must also take Spanish and must also take another subject (see subject groupings). The recommended choices of degree subjects for this specialism include any other language, Sociological and Political Studies, Archaeology, Geography, English or Economics. Students will have the option to pursue academic studies or a work placement (or a combination of both elements) in Latin America. In their final year, students will complete their studies in their two degree subjects, incorporating the knowledge gained in the specialist study they have followed in the previous three years.

What placement and international opportunities will I have?
In the third year of the programme, it is possible to undertake a work placement in Latin America for the whole year, or students may spend the full year studying at a Latin American university. A combination of both elements is also possible (one semester study and one semester placement). Work placements, where appropriate, will give students practical experience within a Latin American context. If studying in Mexico or Chile, for instance, they will take modules on Mexican and Chilean literature and culture and also on wider Latin American history and society.

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

What further education possibilities will I have?
Students will be in a position to consider undertaking further studies in Latin American Studies at MA or PhD levels.

What career opportunities will this programme give me?
As a graduate of this programme, you will have a range of skills which are valued in the workplace. In addition to your linguistic abilities, you will have developed a broad understanding of Latin America and specialist knowledge of the country in which you spend your third year. Career options include teaching, translation, media and communications, arts and culture, and positions in international agencies or non-governmental organisations.

Find out more:
Professor Bill Richardson
Programme Coordinator
College of Arts,
Social Sciences, and Celtic Studies

What our students say
I have always wanted to take Latin American Studies and was delighted to be able to do so at NUI Galway. This is a high quality course, which provides a great insight into Latin American history, politics, society, art, literature and culture. Taking Spanish too makes everything more interesting. Anyone who is fascinated by Latin America will enjoy this programme as much as I did.

Kamila Polchowska – BA with Latin American Studies
Bachelor of Arts with Journalism

What is the Bachelor of Arts with Journalism Programme about?

Building on our longstanding commitment to Journalism education at the postgraduate level, NUI Galway has now introduced an exciting new programme, the BA with Journalism. A four-year degree with a distinctively practical and real-world design, the BA with Journalism provides an excellent career-focused opportunity for students who like to combine a capacity for expression and insight with a broad interest in society, media, communications and culture.

NUI Galway has a top-class reputation in the Journalism area, and our Masters programme has produced numerous prominent journalists, broadcasters and media figures. With such a well-established background of teaching expertise in the field, with extensive experience in facilitating related work-placements with high-profile employers and organisations, and with newspaper, radio and television companies all located in its hinterland, the University is perfectly placed to foster new Journalism talent.

Whether you are a beginner with an emerging interest in Journalism or an improver who has already been contributing in the field, the BA with Journalism now provides the ideal environment of a structured programme that is also focused on independent expression and exploration. We welcome all kinds of Journalism interests, from sports and politics, to fashion and music, to society and culture. Whatever your preferred format, from newspapers and magazines to radio and television or blogs, there is only one requirement: the wish to combine wide media knowledge with strong communications skills.

How is the programme structured?

From the start, you will be guided and advised on a one-to-one basis by the programme director and mentor, and you will immediately be placed in a learning environment with people of similar journalistic interests and instincts. The programme blends cooperative workshops with individual project work and experience, thus cultivating the combination of interaction and self-motivation required of the professional journalist. Through a system of small-group classes that emulate newsroom structures and other working settings within Journalism, you will follow a defined set of modules giving you weekly training and practice.

As well as meeting regularly with dedicated university teachers, you will have regular opportunities to meet and discuss your ideas with practitioners from a variety of areas within the Journalism industry. Your workshop activities during your first two years will be consolidated in your third year through on-site observation or work experience in the Journalism fields outside of the University.

What further education opportunities will I have?

The skills you develop through your BA with Journalism will directly benefit you in your other degree subjects, and your specialism will also make you a highly valued candidate for postgraduate programmes that focus on writing, media and communication or that cover areas of cultural, social and political interest.

What career prospects does this programme offer?

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

**COURSE FACTS**
- CAO Code: GY119
- Course Level: 8
- Duration: 4 years
- Minimum Entry Points 2012: N/A
- Minimum A-Level Grades: N/A
- Leaving Certificate Entry Requirements: Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.
- A-Level/GCSE Entry Requirements: See page 150 for matriculation entry requirements.
- Additional Requirements: Students must satisfy the Garda/police vetting requirements.
- Average Intake: 15

**COURSE OUTLINE**

**Year One**

**Cultural Foundations**
This first module focuses on the cultures of Journalism in two ways. Through the practice of cultural analysis and criticism, you will be writing from the start in a small-group workshop setting, and you will also be introduced to the cultural background of Journalism with an emphasis on the ethical responsibilities and capabilities of the profession.

**This is the News**
The gathering, presentation and analysis of news are the fundamental tasks of the journalist. This module will introduce you to established methods and principles for the generation of news and will explore ongoing innovations in this prime area. The focus will be on practice, and you will move between in-class and off-campus situations so that you can develop your knowledge of the ways journalists have to move between the outside world and the desk to do their reporting work.

**Year Two**

**The Journalist’s Web**
One of the major drivers of change in the world of Journalism is the rise of social media. This module will examine the advantages of, and challenges presented to the working journalist by, such tools as Twitter and blogs, and you will engage in related practical work focused on the evolution of web-based Journalism generally. The contemporary phenomenon of consolidation, whereby journalists also become their own photographers and moviemakers, will be explored and you will do practical work in this area.

**Broadcasting Encounters**
This module will introduce you to technical and practical aspects of broadcasting as well as focusing on the preparation and presentation of work for broadcast. We will cover the established formats of radio and television and you will be involved in some actual studio work. We will also explore the hands-on possibilities offered by such newer formats as podcasting.

**Year Three**

**Work Observation/Placement**
The aim of year three is to help you gain practical experience in the brand of Journalism that most interests you. You will be facilitated with a placement appropriate to your preference, whether that be Journalism for newspapers, magazines, broadcasting, online outlets or other media. While your work during the year may involve writing or other projects, the primary concern will be your direct encounter with day-to-day operations in your chosen area of the Journalism industry. Building on your modules over the previous two years, the principle for third year is that real, career-centred learning in Journalism is best gained through involved observation out in the workplace, and methods of assessment can be tailored to the particular type of Journalism experience you are acquiring.

**Study at a university abroad**
Language departments require that you spend a period in a relevant country during your third year. Your work for Journalism would take precedence over a language, and since the aim of third year on this programme is to get you out of typical classroom scenarios and facilitate you instead in situations that resemble the working lives of present and emergent journalists, the better option when doing a language may be to pursue a placement or assistantship abroad. 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.

**Year Four**
You will complete your studies in your two core degree subjects and you will incorporate in your final projects the specialist skills and knowledge you have gained in Journalism over your previous three years.

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Find out more:
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Bachelor of Arts (Drama, Theatre and Performance Studies)

What is the BA (Drama, Theatre and Performance Studies) about?
Established in 2012, this is an exciting four-year, denominated programme developed for students with a keen interest in all aspects of drama, theatre and performance. This world-class programme provides unique opportunities to study drama, theatre and performance from practical, theoretical and historical perspectives. Students explore all aspects of performance, from theatre to film, and from traditional arts and storytelling to digital media.

The programme is carefully balanced between Irish and international perspectives, ensuring students receive a well-balanced education. Teaching on the programme takes a variety of forms, from lectures and seminars to practical workshops, performances and internships.

One of the most innovative features of the programme is its emphasis on putting learning into practice through seminars in acting, design and directing, and through workshops with professional theatre companies, including the internationally acclaimed Druid Theatre and Galway’s renowned street theatre company, Macnas. Students also have the option of taking internships with arts organisations and professional placements in Ireland and abroad in Year Three.

Drama and theatre in Galway
As Ireland’s cultural capital, Galway has a strong reputation as an international centre for innovative drama, theatre and performance. NUI Galway, in turn, has provided a breeding ground for the development of artistic talent in successive generations of students. The city has seen the establishment of several flourishing theatre companies, whose founder members were students of the University.

Among the most illustrious of our graduates are the three Druid Theatre Company founding members, Tony-Award winning director Garry Hynes and the actors Marie Mullen and the late Mick Lally. In addition, NUI Galway is the home of the Abbey Theatre Digital Archive, a resource that makes available more than a century’s worth of scripts, designs, videos, photographs and other records from Ireland’s national theatre. These unique resources – and Galway’s unique environment – mean that NUI Galway offers unrivalled opportunities for drama and theatre students.

What subject choices will I have?
This course is delivered in the timetable of Arts subject Groups Two and Five and, therefore, may not be studied with Legal Studies, Psychology, Celtic Civilisation, Sociological and Political Studies, Information Technology, Welsh or Léann an Aistriúcháin. Students should contact the Course Director for further advice on timetabling and subject choice restrictions. Please refer to the subject groupings page.

What placement opportunities will I have?
Students will engage in a range of professional activities in both semesters of third year. These will include placements with arts and theatre organisations, voluntary work with community groups and/or supervised research activities. Our partners include Druid Theatre Company, the Abbey Theatre, Galway Arts Festival and Taibhdhearc na Gaillimhe. We also offer exchanges with a range of international universities, including the University of California (Berkeley), the University of North Carolina (Chapel Hill), Charles University in Prague, and many more.

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

“Drama at NUI Galway offers students a unique combination of academic and practical modules, which are delivered by leading academics and by some of Ireland’s most successful theatre professionals. This is one of the reasons that NUI Galway is fast becoming the world’s leading centre for the study of Irish theatre.”
Professor Patrick Lonergan, Programme Director
Bachelor of Arts (Drama, Theatre and Performance Studies) (continued)

### COURSE FACTS
- **CAO Code:** GY118
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 450
- **Minimum A-Level Grades:** AAB (A-Level) & b (AS) or equivalent combination
- **Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.
- **A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.
- **Additional Requirements:** Students must satisfy the Garda/police vetting requirements.
- **Average Intake:** 15

### COURSE OUTLINE

#### Year One
- In first year, students take six modules, all of which blend practical and academic approaches. These modules provide students with a broad overview of the subject, focusing on acting, directing, European drama, traditional performance in Ireland, street theatre, and more. Students visit the theatre regularly and take workshops with theatre practitioners.

#### Year Two
- In second year, students have opportunities to specialise in areas that particularly interest them, selecting six modules from a broad range of options. These include classes in playwriting, acting, film studies, theatre history, theatre reviewing and Irish drama.

#### Year Three
- The third year is dedicated entirely to Drama, Theatre and Performance Studies. Students who are studying a language as their other degree subject may choose to study abroad at a university where that language is spoken. Students may also choose to go on an exchange at a university in the United States, Canada or the UK. Students who choose to remain in Ireland take professional internships with Irish theatre companies, engage in independent research projects involving archival research and/or performance research, and may stage a play as part of a national arts festival.

#### Year Four
- In final year, students select four modules from a broad range of options that combine academic and practical elements. A major feature of the final year is an independent research project, which is supervised by academic staff. Staff also work closely with students to advise them on future opportunities in theatre, research and other areas, and to prepare them for life after university.

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Find out more:
- **Professor Patrick Lonergan**
  - Course Director
  - Drama, School of Humanities

- **NUI Galway student Siobhán Mac Cumhaill meets Hollywood actor Cillian Murphy as part of her two-week internship for the Galway Arts Festival 2011.**
Bachelor of Arts (Youth and Family Studies)

What is this programme about?
This unique undergraduate programme, only available at NUI Galway, builds on extensive expertise in youth and family studies within the University. Two core beliefs underpin the programme: firstly, young people from all backgrounds need to be valued, listened to and enabled to reach their full potential, and secondly, many families need help and support at some stage to function.

Therefore, this exciting programme is designed to support learners in developing their understanding, knowledge and skills required when working in community-based youth work, family support and other related practice in Ireland. A core strength of this programme is that all teaching is research-led, which exposes students to world-leading research engaged in by the staff team. Furthermore, the programme creates the space for learners to reflect on and shape key issues across practice, policy and research, preparing them to apply for postgraduate courses that offer professional qualifications.

In first year, students take a number of modules across the disciplines of economics, sociology and politics, and information technology, as well as an introduction to youth and family studies. In second and third year, students specialise in areas such as youth and community development, public and social policy, the value of the arts, economics, research methodologies, programme planning and evaluation, and a range of practice-based skills such as therapeutic communication.

What career opportunities does the programme offer?
This degree programme offers a variety of career opportunities in areas such as youth work, family support, community development, public administration, education, international organisations and research, as well as providing access to a range of postgraduate opportunities.

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

COURSE OUTLINE

Year One
- Understanding Politics and Society
- Trajectories of Social and Political Change
- Sociology and Politics Coursework
- Introduction to Youth and Family Studies
- Introductory Microeconomics
- Introductory Macroeconomics
- Applied Economics
- Economics Coursework and Applications
- Applied Public Policy
- Applications Programming
- Computer Systems
- Internet and Web Development

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

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

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

What our students say

“I chose to study Youth and Family Studies because I wanted a career with people as the focus. With approachable and supportive staff, small classes and a practical approach to learning, which involved teamwork and continuous assessment, this degree has given me a real sense of determination and capability to pursue a career in community-based youth and family interventions. The modules I studied are also a great foundation for accessing a postgraduate course in this field.”

Grainne Brennan – BA (Youth and Family Studies)

Find out more:
Dr Cormac Forkan
Course Coordinator

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www.nuigalway.ie/arts
Bachelor of Arts (Public and Social Policy)

What is Public and Social Policy?
The study of public policy is concerned with how the formal, stated decisions of government bodies are initiated, formulated and implemented, and how the policy process can be improved. Social policy relates to the role of the state in relation to the welfare of its citizens. This programme aims to provide students with a detailed understanding of the sources of public and social policy, and the implications of that policy for social institutions, individuals and the political system. It draws on key elements of legal, social, political and economic theory, and provides students with an understanding of how legal, political and economic systems function. Students develop specialisations in their chosen policy areas, which include health, crime, family, environment, housing, human rights and social inclusion.

What international study opportunities does this programme provide?
Some students have availed of Erasmus opportunities in universities in Malta, Belgium and the Netherlands.

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

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

Find out more:
College of Arts, Social Sciences, and Celtic Studies
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What our students say

“This course is truly unique. I chose it as I was unsure which area would be my strongest, so after developing a broad knowledge of legal, political, economic and social systems it became clear which areas I wanted to specialise in. I loved studying dynamic, up to date, real life issues and the variety of modules complemented each other really well. I found the teaching staff readily available to answer any queries and particularly supportive. This course sets you up for a wide range of job opportunities and further studies in several different fields. I highly recommend it!”

Alexandra Hillen-Moore – BA (Public and Social Policy)
Bachelor of Arts (Psychology)

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

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

What career opportunities does a BA (Psychology) provide?
Even a little knowledge of psychology is useful in most career paths. Students might consider studying for a psychology degree if interested in becoming a professional psychologist in an applied area such as clinical psychology, the health services, education or industry. They might also consider lecturing in psychology in a third-level college, carrying out psychological research in a university or other research centre, or improving their general education by studying an interesting and useful discipline with careers of a more general type in mind. These could be, for example, the media, information technology or management. The BA in Psychology provides the foundation for professional careers in psychology, as well as careers in a host of cognate areas.

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

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

What our students say
A Bachelor degree in psychology opens the door to a wide range of career paths. It provides students with a foundation in many different areas of psychology such as clinical, forensic, developmental, social and learning psychology. Research is the backbone of this discipline and as such students are trained to become competent in both qualitative and quantitative experimental procedures. The psychology group is relatively small in comparison to other courses and as such students benefit from a more personable relationship with their lecturers, who are all extremely approachable and eager to help. I am a mature student and for me, psychology not only provides me with exciting career options, and is applicable to one’s own life, but more than that psychology maintains my curiosity because there is always more to learn.

Naomi de Bois – BA (Psychology)

Find out more:
College of Arts, Social Sciences, and Celtic Studies
+353 91 493 958
collegearts@nuigalway.ie
www.nuigalway.ie/arts

COURSE FACTS
CAO Code: GY104
Course Level: 8
Duration: 3 years
Minimum Entry Points 2012: 525
Minimum A-Level Grades: AAAB (A-Level) or equivalent combination
Leaving Certificate Entry Requirements: Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes.
A-Level/GCSE Entry Requirements: See page 150 for matriculation entry requirements.
Average Intake: 15
What is the BA in History programme about?

History is about the study and interpretation of past events and their significance for understanding ourselves and our contemporary world. The BA in History is a single honours or denominated degree, which means that students take only History for second year and for the final year of the programme.

How is the course structured?

In first year, students follow the BA (Omnibus) programme, combining History with three other subjects. First year BA (History) students are assigned their own tutorial group, which enables them to get to know one another right away. Students will examine the theme of war and society in Ireland and continental Europe in the era of the First World War (1914-1918) and the era of the French Revolution of 1789.

In the second and final years of the programme, BA (History) students can choose from a huge 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, religion, slavery and war. As in first year, students are taught in small groups as well as larger lecture groups by highly qualified historians. As well as taking more modules in History than students taking History with another subject, BA (History) students undertake a major piece of original research based on primary sources, known as a dissertation.

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

What career opportunities will a BA in History provide?

The BA in History is a qualification well suited to a range of career paths and is an avenue to further training of a more vocational nature. It provides an excellent foundation for careers in public administration, journalism, teaching and education, libraries, community work, heritage, management, industrial relations, the civil service and government, development agencies and various international organisations. For those considering an academic career in History, this programme provides particular advantages and attractions.

Find out more:

College of Arts, Social Sciences, and Celtic Studies

+353 91 493 958
collegearts@nuigalway.ie
www.nuigalway.ie/arts
Bachelor of Arts (Mathematics and Education)

What is the BA (Mathematics and Education) programme about?
The BA in Mathematics and Education is a four-year, full-time honours degree programme which incorporates a teacher training qualification and opportunities for practical teaching experience throughout the four years of its duration. Graduates of the programme will be qualified mathematicians and will be recognised by the Teaching Council of Ireland as qualified post-primary teachers of Mathematics and Applied Mathematics. The programme is jointly run by the School of Mathematics, Statistics and Applied Mathematics and the School of Education of NUI Galway. It was the first programme of its kind in Ireland and was created as a response to the growing need for excellent mathematics teachers in post-primary schools as well as a general need for qualified mathematicians.

What international study opportunities does it provide?
The BA (Mathematics and Education) has links with teacher training institutions throughout Europe, and there may be opportunities for students of the programme to spend time studying abroad. For example, in the past, students have participated in a two-week Erasmus Intensive Programme at the University College of Teacher Education/Viktor Frankl Hochschule in Klagenfurt, Austria.

What career opportunities can I expect to have?
Graduates will have excellent opportunities to become mathematicians and applied mathematicians. But prospects are not limited to teaching. Mathematics graduates are in short supply and are regarded as being integral to Ireland’s economic recovery and development in future years. They have a wide range of career options, including IT, finance, actuarial work and academia. In addition, graduates will also have a wide range of educational careers open to them in the further and higher education sectors.

<table>
<thead>
<tr>
<th>COURSE OUTLINE</th>
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<tbody>
<tr>
<td><strong>Year One</strong></td>
</tr>
<tr>
<td>- History and Structure of Irish Education</td>
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<tr>
<td>- Principles of Second-Level Mathematics</td>
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<tr>
<td>- Introduction to Educational Sciences</td>
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<tr>
<td>- Practical/Teaching Programme 1</td>
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<tr>
<td>- Algebra and Analysis I and II</td>
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<tr>
<td>- Skills of Mathematics</td>
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<tr>
<td>- Introduction to Applied Mathematics I and II</td>
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<tr>
<td>- Skills of Applied Mathematics</td>
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<tr>
<td><strong>Year Two</strong></td>
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<tr>
<td>- Philosophical Foundations of Education</td>
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<tr>
<td>- Mathematics Methodology and Skills of Teaching</td>
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<tr>
<td>- Practical Teaching Programme 2</td>
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<tr>
<td>- Applied Mathematics: Mechanics I</td>
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<tr>
<td>- Analysis I</td>
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<tr>
<td>- Probability</td>
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<tr>
<td>- Linear Algebra</td>
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<tr>
<td>- Geometry</td>
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<tr>
<td>- Statistics</td>
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<tr>
<td><strong>Year Three</strong></td>
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<tr>
<td>- Curriculum and Assessment</td>
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<tr>
<td>- Practical Teaching Programme 3</td>
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<tr>
<td>- Professional Studies: Integrated Project</td>
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<tr>
<td>- Psychology, Sociology and Catering for Diversity</td>
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<tr>
<td>- Research Literacies for Professional Development &amp; Lifelong Learning</td>
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<tr>
<td>- Applied Mathematics: Mathematical Modelling I</td>
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<td>- Group Theory</td>
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<td>- Discrete Mathematics</td>
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<tr>
<td>- Applied Mathematics: Mechanics II</td>
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<tr>
<td>- Complex Analysis</td>
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<tr>
<td>- One Mathematics Elective</td>
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<tr>
<td><strong>Year Four</strong></td>
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<tr>
<td>- Practical Teaching Programme</td>
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<tr>
<td>- Final-Year Symposium</td>
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<tr>
<td>- Final Year Project in Mathematics plus four Mathematics Electives OR Six Mathematics Electives</td>
</tr>
<tr>
<td>- Electives: Topology; Advanced Statistical Methods for Business; Functional Analysis; Field Theory; Cryptography; Groups II; History of Mathematics; Numerical Analysis II; Mathematical Modeling II; Non-linear Systems; Metric Spaces.</td>
</tr>
</tbody>
</table>

What our students say

“BA (Mathematics and Education) At first I was a little apprehensive about taking this course, especially when I learned that we would have to study applied maths, but surprisingly I actually enjoyed this element of the course along with the maths and education. The lecturers are very approachable and I would encourage anyone who is doing this course to ask questions if they are having difficulties. They will help you and you can also avail of the SUMS Maths Support Centre.”

Nichola Leonard – BA (Mathematics and Education)

<table>
<thead>
<tr>
<th>COURSE FACTS</th>
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<tbody>
<tr>
<td><strong>CAO Code</strong>: GY109</td>
</tr>
<tr>
<td><strong>Course Level</strong>: 8</td>
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<tr>
<td><strong>Duration</strong>: 4 years</td>
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<tr>
<td><strong>Minimum Entry Points 2012</strong>: 405</td>
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<tr>
<td><strong>Minimum A-Level Grades</strong>: AAA (A-Level) or equivalent combination, Grade C in Honours-Level Mathematics or Grade A in Ordinary-Level</td>
</tr>
<tr>
<td><strong>Leaving Certificate Entry Requirements</strong>: Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, and three other subjects recognised for entry purposes. A HC3 or OA2 in Mathematics is also a requirement.</td>
</tr>
<tr>
<td><strong>A-Level/GCSE Entry Requirements</strong>: See page 150 for matriculation entry requirements.</td>
</tr>
<tr>
<td><strong>Additional Requirements</strong>: Students must satisfy the Garda/ police vetting requirements.</td>
</tr>
<tr>
<td><strong>Average Intake</strong>: 25</td>
</tr>
</tbody>
</table>

Find out more:
College of Arts, Social Sciences, and Celtic Studies

+353 91 493 958
collegearts@nuigalway.ie
www.nuigalway.ie/arts
Graduate Insights

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

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

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

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

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

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

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

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

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

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

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

Terry Fahy
Bachelor of Arts, HDip in Education
Terry Fahy is the Principal of Yeats College, Galway and Waterford.
Acadamh na hOllscolaíochta Gaeilge

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

Dónall Ó Braonáin
Príomhfhidhmeannach, Acadamh na hOllscolaíochta Gaeilge
Cur síos ar an BA (Cumarsáid)
Is cúrsa comhtháit, dinimiciúil cumarsáide, ceithre bliana, a reáchtáiltear trí mheán na Gaeilge é an BA sa Cumarsáid. Ar chríoch an chúrsa seo bionn mic léinn breá cumasach dul in ngile le dúshláin earnáil na cumarsáide agus bionn arda chogadh le linn liofa fhaite bainte amach acu sa Ghaeilge freisin. Leagtar an-bhéim ar thairith agus ar shaíneolas praiticiúil bhunaithe sa chúrsa seo, sa leírú teilifíse agus raithiú, san iomadh na cónaítear a bhaint amach. Bionn bunús maith teoríúcháil mar bhonn leis an obair praiticiúil, rud a chabhraoinn le mic léinn ciall agus tuiscint a bhaint as forbairtí uile ré seo na teicneolaíochtaí freisin. Is i gcéad lár Ghaelacht Chonamara ar chogadh na Ollscoile ar an gCéathrú Rua a reáchtáiltear an cúrsa.

Céad fáth ar cheart an cúrsa seo a dhéanann?
Leagtar béim i rith an chúrsa seo ar bhunús teoríúcháil agus scileanna feidhmíseacha a fhhorbairt, mar aon le barr slachta a chur ar do chuid buanna cruthaithe agus do chumas Gaeilge a fheabhsú. Seaghlaiseadh tuilleadh taighde agus anailísíse a bhaint amach i scríobh agus i labhairt na Gaeilge, agus reáchtáiltear ceardlanna sa scríbhneoireacht, san óráidíocht phoiblí agus i scileanna cur i láthair. Cuirfidh na scileanna nua seo a shealbhóidh tú go mór le do chumas craoltóireachta agus iriseoireachta.

Breisoideachas
Ar chríoch an chúrsa seo beidh mic léinn ullamh le tabhairt faoi iarachéime eile in OÉ, Gaillimh, an MA (Cumarsáid) mar shampla (GYA93 ar www.pac.ie), nó iarachéim eile in institiúid eile in Éirinn nó thar lear.

Deiseanna fostaíochta
Beidh céimhite an chúrsa seo ar dothai sa chraoltóireacht teicneolaíochtaí freisin agus gheobhaidh tú do thoiléir buntáiste sa Ghaeilge agus iad i dteicneolaíocht faoi mar bheartaíocht araon le dhuine eile.

Céad fáth ar cheart an cúrsa seo a dhéanann?
Leagtar béim i rith an chúrsa seo ar bhunús teoríúcháil agus scileanna feidhmíseacha a fhhorbairt, mar aon le barr slachta a chur ar do chuid buanna cruthaithe agus do chumas Gaeilge a fheabhsú. Seaghlaiseadh tuilleadh taighde agus anailísíse a bhaint amach i scríobh agus i labhairt na Gaeilge, agus reáchtáiltear ceardlanna sa scríbhneoireacht, san óráidíocht phoiblí agus i scileanna cur i láthair. Cuirfidh na scileanna nua seo a shealbhóidh tú go mór le do chumas craoltóireachta agus iriseoireachta.

Breisoideachas
Ar chríoch an chúrsa seo beidh mic léinn ullamh le tabhairt faoi iarachéime eile in OÉ, Gaillimh, an MA (Cumarsáid) mar shampla (GYA93 ar www.pac.ie), nó iarachéim eile in institiúid eile in Éirinn nó thar lear.

Deiseanna fostaíochta
Beidh céimhite an chúrsa seo ar dothai sa chraoltóireacht teicneolaíochtaí freisin agus gheobhaidh tú do thoiléir buntáiste sa Ghaeilge agus iad i dteicneolaíocht faoi mar bheartaíocht araon le dhuine eile.

Is an-bhuntáiste é don chúrsa go bhfuil deis ag na mic léinn a ghruaigh leis an aisteál freisin a chur in iúl, agus a deacair a bheith féin in oideachas na teicneolaíochta. Tá deiseanna a dhuine eile is féidir leis féin, as uirthi a bhíonn in aisteál, ach níos mó in aisteál a bhíonn le do thoiléir buntáiste sa Ghaeilge agus iad i dteicneolaíocht faoi mar bheartaíocht araon le dhuine eile.

“Is an-buntáiste é don chúrsa go bhfuil deis ag na mic léinn a ghruaigh an aisteál freisin a chur in iúl, agus a deacair a bheith féin in oideachas na teicneolaíochta. Tá deiseanna a dhuine eile is féidir leis féin, as uirthi a bhíonn in aisteál, ach níos mó in aisteál a bhíonn le do thoiléir buntáiste sa Ghaeilge agus iad i dteicneolaíocht faoi mar bheartaíocht araon le dhuine eile.”

Micheál Ó Meallaigh, Stiúrthóir Coimisiúnaithe TG4
**Subject Descriptions and Career Opportunities**

**Acadamh na hOllscolaíochta Gaeilge**

+353 91 595 802
cumarsaid@oegaillimh.ie
www.acadamh.ie

---

**Cad a deir ár mic léinn**


Cabhraíonn an obair a rinne mé san Acadamh liom sa bpost seo, go háirithe an obair phhratáctil a rinne mé. Bhíonn an obair áiteach amach chomh minic agus is é féidir leo mar is iomratna an deis e an trealamh tille a bheith ar fáil insin.

**Sarah de Búrca – BA (Cumarsáid)**

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**LEAGAN AMACH AN CHÚRSA**

**Bliain a hAon**
- Scileanna Craoltóireachta
- Teicneolaíocht na Físe
- Gnithíe den Iriseoireacht
- Scileanna Feidhmeacha Ríomhhaireachta
- Ceart na Gaeilge I
- Gaeilge Feidhmeach I
- Scéaláíocht don Scáileáin
- Teoiric na Fuaime
- Córás Ríomhhaireachta na Meán
- Dlí, Eiticí agus an Córás Poiblí
- An Ghaeilge don Scáileáin
- Ceart na Gaeilge II

**Bliain a Tri**
- Ceart na Gaeilge V
- Scileanna Taighde
- Iriseoireacht Feidhmeach
- Craoltóireacht Bheo
- Forbairt Tionscal na Físe
- An Nuatheicneolaíocht Feidhmeach
- Ceart na Gaeilge VI
- Geilleagar na Meán
- An Tionscadal Cumarsáide
- Miontráchtas
- Dlí na Meán

**Bliain a Ceathair**
- Ceart na Gaeilge I
- Gaeilge Fheidhmeach II
- Ceart na Gaeilge IV

**Bliain a Dó**
- Scileanna Léiriúcháin Raidió
- Léiriú na Físe
- An tIdirlíon
- An Fhothlim sa Phobal
- Staideáir na Meán
- Ceart na Gaeilge III
- Na Meáin Chraolta
- Iriseoireacht Chraolta
- Innúilachtai Gaírme
- An Gní-Alúnta
- Gaeilge Feidhmeach II
- Ceart na Gaeilge IV

**SONRAÍ AN CHÚRSA**

**Cód CAO:** GY106
Leibhéil an chúrsa: 8
Fad: 4 bliana
Íosphointí Iontrála 2012: 350
Íosphráid A-Leibhéil: BBB (A-Leibhéil) nó a gcumhionann, Grád C sa Ghaeilge san A-Leibhéil

Ríochtánais Iontrála
Ardeistiméireachta:
Ní mór go mbeadh Grád C3 (Ardleibhéal), ar a laghad, ag iar-thóin i mGaeilge agus in ábhar éigin eile agus Grád D3, ar a laghad, i gceithre ábhar eile san Ardeistiméireacht, Béarla agus teanga eile san áireamh.

Ríochtánais Iontrála A-Leibhéil/GCSE: Féach leathanach 150 le haghaidh eolas faoi ríochtánais iontrála an mháthairtheachta.

**Lion na Mac Léinn:** 20

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**Tuilleadh eolais:**
Acadamh na hOllscolaíochta Gaeilge
+353 91 595 802
cumarsaid@oegaillimh.ie
www.acadamh.ie
BA (Cumarsáid)

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

What does this course offer me?
During the course, you will develop a range of practical skills while honing your creative talents and your fluency in Irish. You will acquire research and analytical skills, an understanding of media ethics and the essentials of media law. You will study the challenges of convergent media in contemporary society, learn how to apply new technologies and social media in journalism, and research the theoretical and practical aspects of visual culture. In year four, the final year of the course, you will complete a research project in a specialised area of your choosing.

What placement or international study opportunities are there?
Year three offers students a unique opportunity to spend a year studying abroad, to undertake an internship in a media or public relations organisation, or to undertake a community-based learning project. These options will give students an insight into the contemporary media industry. They will also allow them the opportunity to make invaluable contacts and gain practical, on-the-ground skills that will greatly aid their future search for employment.

What other subjects are offered on this programme?
Other subjects covered on this course include media studies, the Irish language and the heritage of the Gaeltacht, and information technology. There is a considerable emphasis on the acquisition of a high standard of fluency in both written and spoken Irish, with workshops offered in script writing, public speaking and presentation skills. These acquired skills will complement your broadcasting and journalistic training.

What further education options are there?
At the end of the programme, students will have various opportunities to do postgraduate degrees at NUI Galway, including an MA (Cumarsáid) (GYA93 on www.pac.ie), or in other third-level institutions in Ireland or abroad.

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

“The course benefits greatly because students have an opportunity to broadcast their work on TG4 after reaching a certain standard. This has been the case for the past two years.”
Micheál Ó Meallaigh, Stiúrthóir Coimisiúnaithe TG4
**COURSE OUTLINE**

**Year One**
- Scileanna Craoltóireachta (Broadcasting Skills)
- Teicneolaíocht na Físe (Digital Filmmaking)
- Gníethe den Iriseoireachta (Aspects of Journalism)
- Scileanna Feidhmeacha Ríomhaireachta (Applied Computing Skills)
- Ceart na Gaeilge I (Language Accuracy Skills I)
- Gaeilge Fheidhmeach I (Applied Irish I)
- Scéalaloicht don Scáileán (Writing for the Screen)
- Teoric na Fuaim (Audio Theory)
- Córás Ríomhaireachta na Meán (Digital Media Systems)
- Dlí, Eiticí agus an Córás Poiblí (Law, Ethics and the Public Administration)
- An Ghaeilge don Scáileán (Irish for the Screen)
- Ceart na Gaeilge II (Language Accuracy Skills II)

**Year Two**
- Scileanna Léiriúcháin Raidió (Radio Production Skills)
- Léiriú na Físe (Film Production)
- An Ildírlín (The Internet)
- An Phhothlaim sa Phhothlaim (Learning in the Community)
- Staidéar na Meán (Media Studies)
- Ceart na Gaeilge III (Language Accuracy Skills III)
- Na Meáin Chraolta (The Broadcast Media)
- Iriseoireacht Chraolta (Broadcast Journalism)
- Inniúlachtaí Gairme (Professional Competencies)
- An Gné-Alt (The Feature Article)
- Gaeilge Fheidhmeach II (Applied Irish II)
- Ceart na Gaeilge IV (Language Accuracy Skills IV)

**Year Three**
- Blain ag Staidéar Thar Lear (Year Studying Abroad) or Socrúchán Oibre (Internship) or Foibhlaim Phobailbhunaithe (Community-based Learning)
- Ceart na Gaeilge V (Language Accuracy Skills V)
- Scileanna Taighde (Research Skills)
- Iriseoireachta Fheidhmeach (Applied Journalism)
- Craoltóireachta Bheo (Live Radio Broadcasting)
- Forsbairt Tionscal na Físe (Development of the Audio Visual Industry)
- An Nuathethicneolaíochta Fheidhmeach (Applied New Technologies)
- Ceart na Gaeilge VI (Language Accuracy Skills VI)
- Greileagar na Meán (Media Economics)
- An Tionscadal Cumarsáide (The Communications Project)
- Miontráchtas (Minor Dissertation)
- Dlí na Meán (Media Law)

**Year Four**
- Ceart na Gaeilge VII (Language Accuracy Skills VII)
- Scileanna Táighde (Research Skills)
- Iriseoireacht Fheidhmeach (Applied Journalism)
- Craoltóireacht Bheo (Live Radio Broadcasting)
- Forbairt Tionscal na Físe (Development of the Audio Visual Industry)
- An Tionscadal Cumarsáide (The Communications Project)
- Miontráchtas (Minor Dissertation)
- Dlí na Meán (Media Law)

**COURSE FACTS**

- **CAO Code:** GY106
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 350
- **Minimum A-Level Grades:** BBB (A-Level) or equivalent combination, Grade C in A Level Irish

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

**A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 20

**What our students say**

“...I graduated with a BA (Cumarsáid) in 2011, and I am now working as a video journalist with the Belfast-based media outlet, Below the Radar. At the moment, I'm working on a new website 'Meon Eile’. We cover various stories every week, including current affairs, music, culture and entertainment. My job as a video journalist requires me to be proficient in many different roles, including camera work, presenting, interviewing people and editing. My time spent in Acadamh na hOllscolaíochta Gaeilge has been a great help to me in these roles. The practical experience I picked up has been of particular use, and I’d especially recommend anyone doing the BA (Cumarsáid) to gain experience by practising using the media equipment as often as possible."

Sarah de Búrca – BA (Cumarsáid)
Céard atá i gceist leis an BA sa Ghaeilge agus Léann an Aistriúcháin?
Tugtar deis duit sa chlár seo staidéar ar dhá ábhar a bhfuil gaol nádúrtha acu lena cheilé – Gaeilge agus Léann an Aistriúcháin – in aon cheim ollscoile amháin trí Ghaeilge. Déanann na mic léinn staidéar ar gnéithe tábhachtacha den saothar litríochta, béaloidis agus amhránaíochta a bhaineann leis an nGaeilge, ón meánaois go dtí a linn féin, agus ar úsáid na Gaeilge mar theanga aistriúcháin.
Ar chriochnú an chúrsa duit, beidh eolas faisnéis faighte agat ar an nGaeilge agus ar a hoidhreacht mar theanga aistriúcháin.

Céad atá i gceist le Léann an Aistriúcháin ar an gcúrsa seo?
Ó thaobh Léann an Aistriúcháin de, déanann na mic léinn staidéar ar gnéithe den teoiric agus den obair praiticiúil a bhaineann leis an aistriúcháin ó theanga amháin go teanga eile. Cuirfear oiliúint orthu i scileanna an aistriúcháin, agus beidh an bhéim ar an nGaeilge mar spriochtheanga aistriúcháin san oiliúint sin. Tabharfar léargas sa chúrsa freisin do mhic léinn ar obair an aistriúcháin a sheachaint agus an bhéim ar an aistriúcháin riomhchuidithe agus ag an fhothleideál. 

Cén struchtúr atá ar an gclár?
I mBleain a hAon déanfaidh na mic léinn staidéar ar dhá ábhar eile ó chlár an BA (Omnibus). I mBleain a Tri beidh deis ag na mic léinn bliain a chaitheamh i mbun taithe oibre le cuideachta aistriúcháin nó le heagraíocht Ghaeilge. Gheobhaidh na mic léinn léargas dá thoradh seo ar an earnáil a mbeidh siad ag lorg fostaíochta inti tar éis díobh an cúrsa a chriochnú. Déanfaidh siad teagmháil leis an bhfeidhmacht as a bheith luachmhar agus seanbhíodhaidh said scileanna nach fuair an fháil ach san ionad oibre. Tá an cúrsa seo a réachtáil ar phríomhchampas na hOllscoile i gCathair na Gaillimhe. An bhfeidhminn tri Ghaeilge nó fostaíochtaí a bhfuil dualgas orthu ar Ghaeilge a úsáid.

Cé na deiseanna breisoideachais eile a bheidh agam?
Tá ceim mháistreachta – MA sa Léann Teanga – ar fáil ó Acadamh na hOllscolaíochta Gaeilge; ar cheann d’aidhmeanna an chúrsa sin tá ardoiléanúnt san aistriúcháin a chur ar mhic léinn ionas go mbeidh tabhchais níos mhaith ar mhic léinn. Déanann an chéim oiliúnt máistreacht freisin sa Ghaeilge agus san Aireagáireacht Chomhthoiril. Tá an Gaeilge a bheith a thionchar ag an duraí atá ag lorg fostaíocht an aistriúcháin, mar gheall ar dhuine a bhfuil beaga lóighleas faoi thionchar na Gaeilge agus an t-ainm nuachtana a bhaint amach.

Cé na deiseanna freisin a bheidh agam de bharr an chúrsa seo?
Mar gheall ar an bhforbairt atá tagtha le tamall anuas ar an aistriúcháin mar réimse léinn, gnó agus fostaíochta, tá dualgas ar aistriúcháin deimhin a dhéanamh de go mbainfheadh a gcuid oibre caithdean an-ard amach. Is tábhachtach anois ná aon uair roimh seo, dá bhrí sin, cailleocht aisteanta a ghnóthú agus dea-cilleanna aistriúcháin a bhaint amach. D aioine a bheith cailleocht aisteanta an I Leann an Aistriúcháin agus/nó sa Ghaeilge, tá deiseanna aisteantaí a bheidh an duais seo ar fáil do ghaeilge ná mar gheall ar aon uair sin, tá deiseanna aisteantaí a bheidh an duais seo ar fáil do ghaeilge ná mar gheall ar aon uair sin.

Cé na deiseanna breisoideachais eile a bheidh agam de bharr an Ghaeilge a úsáid?

Tá ceim mháistreachta – MA sa Léann Teanga – ar fáil ó Acadamh na hOllscolaíochta Gaeilge; ar cheann d’aidhmeanna an chúrsa sin tá ardoiléanúnt san aistriúcháin a chur ar mhic léinn ionas go mbeidh tabhchais níos mhaith ar mhic léinn. Déanann an chéim oiliúnt máistreacht freisin sa Ghaeilge agus san Aireagáireacht Chomhthoiril. Tá an Gaeilge a bheith a thionchar ag an duraí atá ag lorg fostaíocht an aistriúcháin, mar gheall ar dhuine a bhfuil beaga lóighleas faoi thionchar na Gaeilge agus an t-ainm nuachtana a bhaint amach.

Cé na deiseanna freisin a bheidh agam de bharr an Ghaeilge a úsáid?

Mar gheall ar an bhforbairt atá tagtha le tamall anuas ar an aistriúcháin mar réimse léinn, gnó agus fostaíochta, tá dualgas ar aistriúcháin deimhin a dhéanamh de go mbainfheadh a gcuid oibre caithdean an-ard amach. Is tábhachtach anois ná aon uair roimh seo, dá bhrí sin, cailleocht aisteanta a ghnóthú agus dea-cilleanna aistriúcháin a bhaint amach. D aioine a bheith cailleocht aisteanta an I Leann an Aistriúcháin agus/nó sa Ghaeilge, tá deiseanna aisteantaí a bheidh an duais seo ar fáil do ghaeilge ná mar gheall ar aon uair sin, tá deiseanna aisteantaí a bheidh an duais seo ar fáil do ghaeilge ná mar gheall ar aon uair sin.

Cé na deiseanna breisoideachais eile a bheidh agam de bharr an Ghaeilge a úsáid?

Tá ceim mháistreachta – MA sa Léann Teanga – ar fáil ó Acadamh na hOllscolaíochta Gaeilge; ar cheann d’aidhmeanna an chúrsa sin tá ardoiléanúnt san aistriúcháin a chur ar mhic léinn ionas go mbeidh tabhchais níos mhaith ar mhic léinn. Déanann an chéim oiliúnt máistreacht freisin sa Ghaeilge agus san Aireagáireacht Chomhthoiril. Tá an Gaeilge a bheith a thionchar ag an duraí atá ag lorg fostaíocht an aistriúcháin, mar gheall ar dhuine a bhfuil beaga lóighleas faoi thionchar na Gaeilge agus an t-ainm nuachtana a bhaint amach.

Cé na deiseanna freisin a bheidh agam de bharr an Ghaeilge a úsáid?

Mar gheall ar an bhforbairt atá tagtha le tamall anuas ar an aistriúcháin mar réimse léinn, gnó agus fostaíochta, tá dualgas ar aistriúcháin deimhin a dhéanamh de go mbainfheadh a gcuid oibre caithdean an-ard amach. Is tábhachtach anois ná aon uair roimh seo, dá bhrí sin, cailleocht aisteanta a ghnóthú agus dea-cilleanna aistriúcháin a bhaint amach. D aioine a bheith cailleocht aisteanta an I Leann an Aistriúcháin agus/nó sa Ghaeilge, tá deiseanna aisteantaí a bheidh an duais seo ar fáil do ghaeilge ná mar gheall ar aon uair sin, tá deiseanna aisteantaí a bheidh an duais seo ar fáil do ghaeilge ná mar gheall ar aon uair sin.
Cad a deir ár mic léinn

Bionn tú go huile is go hiomlán timpeallaithe ag an teanga agus is spreagadh iontach é. Mholaim do dhunm do bhrith an cursa seo a dhíríonn amháin tá suas acu sa Ghaeilge, go háirithe tá suas acu a bhfeas ag obair leis an Ghaeilge sa todhchaí. Is abhar an-áitiúil é an tAistriúchán a chabhraigh de bhrí a chuir ar do chuid scríbhneoireachta.

Niamh McCann – BA (Gaeilge agus Léann an Aistriúcháin)
What is the BA in Gaeilge and Léann an Aistriúcháin about?
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 song, covering the period from the Middle Ages to the present day, as well as the Irish language as a 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.

What does the Léann an Aistriúcháin (Translation Studies) section involve?
In the Léann an Aistriúcháin section of the course, students will study the theoretical and practical aspects of translating from one language to another. They will be taught the art of translation, with special emphasis on the Irish language as a target language. The course will also introduce students to the work of a professional translator: this will include introducing students to cutting-edge technology, including computer-assisted translation and subtitling.

How is the programme structured?
In year one, students will study two other subjects from the BA (Omnibus) programme. Year three offers students a unique opportunity to spend a year working with a translation company or with an organisation working through Irish. This will give students an insight into the sector in which they will be seeking employment on completion of the course. They will make invaluable contacts and gain skills that can only be learned from first-hand experience. This course is run on the main campus in Galway City by Acadamh na hOllscolaíochta Gaeilge, NUI Galway’s national institute for Irish-medium studies, in conjunction with the Department of Irish.

What further education options will I have?
Acadamh na hOllscolaíochta Gaeilge offers a Masters degree (MA) in Language Studies, which includes advanced tuition in translation, aimed at preparing students to take up employment opportunities in the translation market. Courses at Masters level are also taught in Irish and in Conference Interpreting. Students who have a research project in mind may also proceed to a PhD programme.

What career opportunities are offered by this course?
With the expansion of translation opportunities in education, business and employment, there is an onus on professional translators to ensure their work reaches a very high standard. Achieving a recognised qualification and acquiring sound translation skills is, therefore, more important than ever. People with a recognised qualification in Translation Studies and/or Irish have excellent employment opportunities, bearing in mind 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 (2003). With this degree, students will have the opportunity to avail of employment opportunities in the translation industry and in organisations that function through Irish or have an Irish language requirement.
What our students say

On this course, you are totally immersed in the Irish language and this is a great motivation. Translation is a really interesting subject, which will help you to greatly enhance your written skills. I would recommend the course to students who have an interest in Irish, particularly those who would like to pursue a career in Irish or translation in the future.

Niamh McCann – BA (Gaeilge agus Léann an Aistriúcháin)
Irish Language Courses for Students

Cúrsaí Gaeilge do Mhíc Léinn

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

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 (Law)

This is a two-year, part-time programme provided for university students studying law. Students may undertake this programme in addition to their degree/postgraduate programme.

For further information on these Diplomas, contact Oifig an Dioplóma in Áras na Gaeilge.

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

Cúrsaí Gaeilge do Mhíc Léinn Idirnáisiúnta

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.

Cúrsaí sa Ghaeltacht

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

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 (Law)

This is a two-year, part-time programme provided for university students studying law. Students may undertake this programme in addition to their degree/postgraduate programme.

For further information on these Diplomas, contact Oifig an 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.

Courses in the Gaeltacht

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

For further information on these courses, contact Caitríona Leather in Áras na Gaeilge.

T +353 91 495 248
caitriona.leather@oegaillimh.ie
“I started working fulltime with Stillwater Communications when I finished the BA (Cumarsáid). I was lucky that they took me on after doing my intern year with them – a chance I wouldn’t have gotten without my time in the Acadamh. I work mainly with Irish language clients in Stillwater which means that I get to work through Irish most of the time.

I was always interested in studying media in college and when I found out about the course I knew it was the course for me, not only because it was conducted through the medium of Irish, but also because it was a highly practical course.

The fact that class sizes on the course don’t exceed twenty students appealed to me as I knew it would mean I would get a more hands-on experience when it came to using the campus facilities such as the television equipment and radio studio.

The facilities in the Acadamh are excellent and the equipment is regularly updated to match what is being used in the industry.

I loved that the course was run in the heart of the Conamara Gaeltacht. Spending four years being immersed in Irish from talking to native speakers to communicating only in Irish with my classmates and lecturers meant my spoken Irish improved immensely.

The Irish classes in the Acadamh were absolutely brilliant and so thorough which really helped me improve my written Irish which was vital for writing reports, articles, stories and online content.

The staff and lecturers were really friendly and took a personal interest in our education throughout the four years. They provided great support for students which in turn created a really friendly, relaxed atmosphere on campus.

The fact that the B.A sa Chumarsáid is such a practical course and includes a full year of work experience meant that I finished the course feeling confident and ready for a career in media.”

Úna Ní Chárrthaigh, B.A sa Chumarsáid, Stillwater Communications
“Graduates in the areas of Business, Public Policy and Law are of vital importance to the creation and advancement of the smart economy.”

Professor Ciarán O’Neill
Dean of the College of Business, Public Policy and Law
The J.E. Cairnes School of Business & Economics

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

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

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

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

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

Marketing: This specialisation provides an excellent foundation in a range of key and popular marketing topics, such as Media and Marketing Communications, Brand Management, Marketing Research, the Marketing of Services and Global Marketing. The discipline's research programme enhances each subjects’ content, ensuring it is taught to world-class standards.

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

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

Skills development
B Comm (GY201) students will start to develop their oral, presentation, Excel, written and communication skills from the first week of entry to the B Comm programme. This focus on personal development, whilst advancing their academic development, is critical for success in their working life thereafter. Students will continue to develop skills in 2nd and final year in the courses, Skills for Work Life and Innovation, Creativity and Enterprise respectively.

What work placement or international study opportunities does the B Comm programme offer?
Students on the three-year Commerce programme (GY201) will have the opportunity to add an international experience dimension to their degree at the end of second year, when they may apply on a competitive basis to transfer from the three-year B Comm degree to a four-year B Comm (International Experience) degree. Successful applicants will spend at least one semester of their third year at an international university studying business through English, either in the USA, Hong Kong, The Netherlands, Sweden, France, Germany or the UK. Students will also have an opportunity to work as an intern on work placement for at least one semester. Students will then return to NUI Galway for their fourth year to complete the B Comm (International Experience) degree.

Placement partners include:
• DHKN
• Accenture
• Medtronic
• Alkermes
• UCHG
• Corrib Oil
• Abbott
• Shelbourne Hotel, Dublin
• Headhunt International
• Zurich

What further education options will I have?
Graduates of the B Comm programme can select from a range of postgraduate programmes in their chosen business discipline at NUI Galway.
What career opportunities will I have?
Graduates are highly successful and sought after in all areas of business. Our graduates go on to work in a wide variety of careers, including:

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

COURSE OUTLINE

Year One
- Principles of Microeconomics/Macroeconomics
- Introduction to Management Accounting/Financial Accounting
- Business Information Systems and Management
- Mathematics and Statistics for Business
- Introduction to Marketing
- Introduction to Management
- Choice between a language (Spanish or German) or Business Law 1 and Skills for Success

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

Year Two continued
- Management of Organisational Change
- Quality Management
- Business Law II
- Chinese Language & Culture I

Optional International Experience Year
- One semester studying abroad in the USA, Hong Kong or Europe and one semester on work placement
- Full year study abroad

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

In addition to the above listed disciplines, students may take optional courses in Law and Operations/Logistics. Examples of optional modules include:
- Chinese Language & Culture II
- Web and Interactive Media Design
- International Business

What our students say

Commerce at NUI Galway was an easy choice, and is based at a great location and in a fantastic University. When choosing my undergraduate programme, I wanted to gain a broad business knowledge and that is exactly what the BComm has delivered. Through stimulating classes, project work and societies and clubs, NUI Galway has provided me with a vast knowledge of business and my student experience has exceeded all expectations. There are so many incentives to succeed and good academic performance is rewarded. Each year an award ceremony celebrates all students who have excelled academically. This year I took part in the BComm (International Experience) programme. The year provided me with an amazing opportunity to gain valuable work experience and the chance to study in America. The wide range of opportunities offered to me by NUI Galway have helped me grow academically, socially and professionally.

Maurice Kelter – B Comm

COURSE FACTS

CAO Code: GY201
Course Level: 8
Duration: 3 years
Minimum Entry Points 2012: 340
Minimum A-Level Grades: BBC (A-Level) or equivalent combination

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

A-Level/GCSE Entry Requirements: See page 150 for matriculation entry requirements.

Average Intake: 285

Find out more:
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w

Watch out for dates of our Business Summer School 2014. We will advise you of the details through local media, on the NUI Galway website and by direct contact with all schools.
Bachelor of Commerce (International)

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

What international study opportunities does it offer?
In Year Three of this programme, students study courses in language and business at a university in France, Germany/Austria, or Spain/Chile.

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

What about further education?
Specialist postgraduate programmes are available in all of the core business and language disciplines.

What our students say
I decided to study the B Comm (International) with Spanish at NUI Galway because I understood the need for a dynamic approach to the modern world of international business. By choosing to study a foreign language while also developing my business skills, I ensured that I would be able to develop a competitive edge in a diverse environment. Opportunities offered as part of the course are invaluable, such as the chance to study abroad. The course coordinator and other lecturers are approachable and ensure that the course remains both challenging and enjoyable.

Ross Gallagher – B Comm (International)
Bachelor of Commerce (Gaeilge)

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

What placement opportunities does it offer?
In Year Three of this programme you will partake in a semester long internship in an Irish-speaking environment.

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

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

What about further education?
Specialist postgraduate programmes are available in all of the core business disciplines along with a range in the Irish language.

**Course Facts**

**CAO Code:** GY208

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2012:** N/A

**Minimum A-Level Grades:** N/A

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

**A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 15 per programme

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**Course Outline**

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

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

**Year Three**
Year 3 of the programme divided between a 30 ECTS internship programme in an Irish-speaking environment and 30 ECTS of Irish-medium studies at NUI Galway’s Gaeltacht campus in An Cheathrú Rua.

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

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**Entrepreneur**

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

Padraig O’Céidigh

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Find out more:
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**w** www.nuigalway.ie/commerce
Bachelor of Science (Business Information Systems)

What is 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 like Databases, Systems Analysis and Networks. It provides knowledge and skills in traditional business organization and management together with skills and abilities in the enabling and underlying technologies on which organisations are becoming more reliant.

What work placement and international study options are there?
In Year Three students are given the opportunity to apply their skills in a real business environment for six to nine months. The BIS degree also offers the opportunity of an International Study Abroad programme in the US in Year Two.

What further education opportunities will I have?
Graduates can go on to study postgraduate programmes, specialising in information systems or in one of many business programmes, for example, the MSc International Management.

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

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

Find out more:
The J.E. Cairnes School of Business & Economics

+353 91 492 612
business@nuigalway.ie
www.nuigalway.ie/commerce

What our students say
This degree offers a range of subjects such as marketing, accounting and information systems as well as organizational management and change. I have gained an insight into many business and IT subjects. There is also a work placement in semester two of third year. I was employed by SAP Galway for my internship. This was a great opportunity for me to apply the knowledge I had learned at university.

Ailish Kelly – BIS
Bachelor of Commerce (Accounting)

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

What placement opportunities does this degree offer?
Students have the opportunity to add an international experience dimension to their degree at the end of second year, when they may apply on a competitive basis to transfer from the three-year B Comm (Accounting with International Experience) degree. Successful applicants will spend one semester of third year at a university studying business through English – either in Europe, North America or further afield, and a second semester in a work placement. The students will then return to NUI Galway for fourth year to complete their degree. Students can also complete an accounting internship in the summer following their second year. Students completing relevant work experience can use the internship as a module for academic credit in their final year.

What further education prospects are there?
Many graduates of the B Comm (Accounting) go on to study on Master of Accounting programmes at NUI Galway and, depending on their choice of optional subjects during their degree, may also choose to study a Master of Economic Science, Master of Finance, Postgraduate Diploma in Education, an LLB or other postgraduate programmes across business disciplines.

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

COURSE OUTLINE

<table>
<thead>
<tr>
<th>Year One</th>
<th>Year Two continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>▶ Principles of Microeconomics/Macroeconomics</td>
<td>▶ Business Law II</td>
</tr>
<tr>
<td>▶ Introduction to Management Accounting/Financial Accounting</td>
<td>▶ Advanced Statistical Methods for Business</td>
</tr>
<tr>
<td>▶ Business Information Systems and Management</td>
<td>▶ Chinese Language &amp; Culture I</td>
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<tr>
<td>▶ Mathematics and Statistics for Business</td>
<td></td>
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<tr>
<td>▶ Business Law I and Skills for Success</td>
<td></td>
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<tr>
<td>▶ Introduction to Management</td>
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<tr>
<td>▶ Introduction to Marketing</td>
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</tbody>
</table>

Year Two

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

Final Year

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

Optional International Experience Year

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

What our students say

“\[...\] I would highly recommend this course to students wishing to pursue a career in accounting. The course allows you to focus on more accounting modules and offers numerous opportunities to help you with your career upon graduation. I am currently undertaking a summer internship at an accountancy firm in Galway, which is a great opportunity to gain work experience. I am confident that I will obtain a job in my final year as a high percentage of previous BComm Accounting students have secured training contracts upon completing the course.\[...\]”

Kelley Hession B Comm (Accounting)
Innovation, Creativity and Enterprise – A partnership with business to drive innovation with students

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

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

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

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

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

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

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

Some of our mentors come from the following organizations
Graduate Insights

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

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

Paul Kenny, B Comm

"Germany is the economic powerhouse within the EU and offers many opportunities for Irish graduates. I feel that after having studied Commerce (International) with German at NUI Galway, I have a greater professional scope. Choosing German with the Commerce degree was the best decision I ever made. I spent my year abroad in Germany, where I incorporated a work placement with Adidas. After graduating, I was immediately offered a full-time position by them as a senior production manager. In 2010 my team and I worked with the likes of Lionel Messi and Lukas Podolski on a new Adidas product range. If you want to be in my ‘boots’, I recommend the B Comm (German) in NUI Galway as your number one choice.”

Aubrey Dolan, B Comm (International with German)

"Business Information Systems at NUI Galway has opened so many doors for me – a chance to study abroad, fantastic industry placement as well as relevant projects and topics. Everything I have gained from this course has worked in my favour when I searched for employment after graduation. I secured a job in a multinational company (Google Ireland), and have other wonderful options that I feel were only handed to me because of the skills and attributes that I gained from the four years in the Business Information Systems course. I cannot speak highly enough about the amazing experience it has been. I would recommend this degree to anyone looking to learn in a positive and stimulating environment, with lecturers who teach topics that are current and interesting and who really care about their students.”

Kathleen Garrity, BSc Business Information Systems
School of Law

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

Professor Donncha O’Connell
Head of School and Established Professor of Law
Bachelor of Civil Law (BCL)

What is the Bachelor of Civil Law programme about?
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.

What international study opportunities will I have?
At the end of second year, interested students may opt to join the BCL International Programme, which involves spending third year at a university in mainland Europe. These students would then return to complete their degree programme in Galway in fourth year.

What work placement and further education options are there?
The Bachelor of Civil Law programme provides an opportunity in final year for a limited number of students to participate in a clinical placement. This involves placement in a suitable work situation for eight to ten hours per week over ten weeks. Further study can lead to the LLM or PhD degrees. The PhD is undertaken by research and the taught LLM programmes on offer include LLMs in Public Law; Law, Technology and Governance; International Human Rights Law; Peace Operations; International Criminal Law; and Disability Law.

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

Why should I study for a BCL degree?
If you have a keen interest in all aspects of the law and you wish to take all the required subjects to study for the legal professions in a single degree, then the BCL is for you. The BCL allows you to focus on law subjects alone if you so wish. You can then proceed to take the entrance examinations to become a solicitor or a barrister.

Why our students say

“I thoroughly enjoyed my three years studying in NUI Galway, and the broad range of subjects meant I was able to tailor my degree to suit my interests. The amount of choice in the modules available as I progressed through my degree meant that I was able to pursue the areas that I was interested in while covering the subjects needed for entrance into the professions. My lecturers were extremely approachable and engaging, and always willing to help me with any questions that arose during my study.”

Donnacha O’Sullivan – Bachelor of Civil Law

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COURSE OUTLINE

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

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

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

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Find out more:
School of Law

+353 91 492 752
t
law@nuigalway.ie
t
www.nuigalway.ie/law
Bachelor of Corporate Law (B Corp Law)

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

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

What about further education options?
B Corp Law graduates must complete some additional core law subjects for the entrance examinations to the professional bodies (to become a solicitor or barrister). Graduates of the B Corp Law may proceed into the final year of the LLB programme in NUI Galway, enabling them to acquire the remaining core law subjects necessary for the entrance examinations of the professional bodies while also broadening their knowledge of the law and obtaining an additional degree.

What career opportunities will I have?
The B Corp Law programme aims to prepare students for employment in the legal division of a company or business organisation, or for law-related positions in banking, insurance, financial or other corporations.

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

Course facts
- **CAO Code:** GY250
- **Course Level:** 8
- **Duration:** 3 years
- **Minimum Entry Points 2012:** 340
- **Minimum A-Level Grades:** BBC (A-Level) or equivalent combination
- **Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate including Irish, English, another language, Mathematics and any two other subjects recognised for entry purposes.
- **A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.
- **Average Intake:** 75

Course outline

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

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

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

What our students say

“
I chose corporate law at NUI Galway as it offers a uniquely tailored programme of options in law and business. You have the opportunity to study business subjects and a foreign language in addition to law subjects, which gives you an invaluable competitive edge. I spent a year studying in Toulouse, France, and this was an unforgettable experience. It was a fantastic opportunity to further my studies and improve my career prospects.

Deirdre Carroll – Bachelor of Corporate Law
Law in Bachelor of Arts

What is Legal Studies within the BA degree?
Legal Studies is the umbrella term for the law subjects taken under the BA degree programme. The BA in Legal Studies programme gives students the opportunity to combine the study of law with the study of other Arts subjects. In First Arts, students take Legal Studies as one of their four subjects and they take three other subjects from the Arts group of subjects (see page 25). The average class size in first year is 200.

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

Only students who pass First Arts as a whole, including Legal Studies, at the first attempt are eligible to be considered for the 100 Legal Studies places in second year. Students who are admitted to second year will take Legal Studies with one other Arts subject to degree level.

How will I benefit from doing the Legal Studies programme?
The BA in Legal Studies is a broad degree, which gives you a solid grounding in law while also providing you with a well-rounded degree. A wide variety of subjects are available to choose from. Furthermore, those who wish to qualify as a solicitor or barrister may proceed into the final year of the LLB programme in NUI Galway so that they can complete some additional core law subjects necessary to meet the entrance and examination requirements of the legal professional bodies.

What further education opportunities are offered?
BA in Legal Studies graduates must complete some additional core law subjects to meet the entrance examination requirements of the professional bodies to become a solicitor or barrister. Graduates of the BA in Legal Studies may proceed into the final year of the LLB programme in NUI Galway where they can acquire the remaining core subjects necessary for the entrance examinations and at the same time broaden their knowledge of the law and obtain an additional degree.

What career opportunities are there if I have a BA in Legal Studies?
While many graduates opt to go on to qualify as solicitors or barristers, a degree in Legal Studies is a respected qualification for many careers, including working in administration, journalism, the civil service and non-governmental organisations.

Course Outline

Year One
- Legal Studies:
  - Irish Legal System
  - Key Issues in Irish Law
  - Legal Skills
- Plus three other subjects from the Arts subject groupings

Year Two
- Legal Studies:
  - Constitutional Law
  - Law of Torts
  - Human Rights
  - Health Law
  - Law of the Sea
  - Legal Methods

Year Two continued
- Plus one other subject from those chosen in first year

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

What our students say
“Studying law through the Bachelor of Arts afforded me the opportunity to also study other subjects that interested me – sociology and political science. By taking the Bachelor of Arts, I met a huge cross-section of the student body and met lots of new people. It is without doubt one of the most rounded and broad means of legal education available in Ireland today. It’s also a great launch pad to becoming involved in a plethora of student societies and the Students Union. All things taken into account, I would definitely recommend this means of legal education to anyone considering a broad, multi-faceted and well-rounded degree.”

Declan Higgins – BA (Legal Studies)
Law in Bachelor of Arts (Public and Social Policy)

This three-year 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. Students are encouraged to utilise and apply the understandings gained in an analysis of issues arising in an Irish and European context.

In final year, students take some optional courses from all three disciplines: Economics, Law, and Sociological and Political Studies. Thus they develop specialisations in their chosen policy areas, including health, crime, family, environment, housing, human rights, social inclusion and other areas. Finally, all the strands of the course are drawn together in the Policy Seminar, which examines a range of issues from legal, economic, social and political perspectives.

The specific law subjects available in this programme are:

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

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

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

The BA (Public and Social Policy) will provide a solid, innovative and attractive educational foundation in the policy-making 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 full law degree (LLB), and exempted from first year, leaving two years to complete.

Law in Bachelor of Commerce

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

A number of B Comm graduates who have taken the required number of law subjects may be admitted to the full law degree (LLB) and exempted from first year.

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

How do I become a solicitor or barrister?

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

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

- **The Incorporated Law Society (solicitors)**
  [www.lawsociety.ie](http://www.lawsociety.ie)

- **The King’s Inns (barristers)**
  [www.kingsinns.ie](http://www.kingsinns.ie)

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

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

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

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

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

Máire Whelan, Attorney General
Graduate Insights

“I graduated in 2008 with a Bachelor of Corporate Law (International) and an LLB. During the Corporate Law programme I spent an enjoyable year on Erasmus in France. This encouraged me to later participate in the European Law Moot Court Competition, where the dedicated help of our EU lecturer/coach helped our team to reach the finals in Maastricht. I then pursued a Masters in European Litigation in the University of Luxembourg and completed a stage in the European Court of Justice. I now work as a trainee solicitor in the Employment Law department in Matheson Ormsby Prentice, a large corporate firm in Dublin. The team advises on all aspects of the employment relationship such as; drafting employment contracts, advising on equality and unfair dismissals claims and advising on new legislative developments, often stemming from EU law. I feel that overall the choices and opportunities on offer at NUI Galway were invaluable and I would highly recommend it.”

Jaime Flattery, Bachelor of Corporate Law

“I graduated in 2005 with a Bachelor of Civil Law (BCL) degree from NUI Galway. After graduation, I worked as a legal researcher in the Office of the Attorney General before spending a year studying at the University of Cambridge, graduating with a Masters in Law. I am now working as a solicitor in the Technology & Life Sciences team in Arthur Cox, a large corporate firm in Dublin. The team advises on technology and intellectual property issues such as copyright and trade mark protection, licences and agreements, data protection, e-commerce and betting and gaming law. I really enjoyed my three years studying at NUI Galway and the broad range of subjects meant I was able to tailor my degree to suit my interests. The quality of the teaching is excellent and I found the lecturers to be extremely helpful and always willing to offer advice and assistance.”

Olivia Mullooly, Bachelor of Civil Law

“"In 2008, I graduated from NUI Galway, having successfully completed both a BA degree in Legal Science and Gaeilge, and the one year LLB. Since graduating, I spent 3 years working for a venture capitalist, managing several international portfolios, one of which being the Green Dragon Volvo Open 70. This was excellent exposure to the entrepreneurial dynamic required to successfully build companies. The research and presentation skills honed during my studies were regularly tested! At present, I am working in the healthcare industry, for Choice Medical Centres, who have several orthopaedic facilities in South Florida. The scope of my work here focuses on Personal Injury Law, pre-suit litigation and also, business development. Comparatively speaking, proceeding to trial with a lawsuit occurs far less than in Ireland than the US. Having twice represented NUI Galway at the Gael Linn mooting competitions, I find this aspect of the law most interesting and a career path I plan on pursuing here in the US. The subjects available for both Legal Science and the LL.B. provided me with a broad scope from which to pursue a professional career.”

Consul of Ireland NYC, Noel Kilkenny with Cillian McGovern, BA Legal Science
College of Engineering and Informatics

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

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

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

Why should I study this course?
This course has been designed to help you choose what professional engineering qualification you wish to study for by giving you a year to study the basic concepts and fundamentals of engineering. Therefore, it will help you to make an informed choice about what you wish to specialise in by enabling you to find out where your aptitude and interests lie.

How will I benefit from it?
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

COURSE OUTLINE

<table>
<thead>
<tr>
<th>Year One</th>
<th>Year Two</th>
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</thead>
<tbody>
<tr>
<td>Engineering Calculus</td>
<td>Choose to follow one of the following denominated programmes:</td>
</tr>
<tr>
<td>Engineering Mathematical Methods</td>
<td>Energy Systems Engineering</td>
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<tr>
<td>Engineering Mechanics</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>Engineering Chemistry</td>
<td>Project and Construction Management</td>
</tr>
<tr>
<td>Engineering Physics</td>
<td>Electronic and Computer Engineering</td>
</tr>
<tr>
<td>Fundamentals of Engineering</td>
<td>Electrical and Electronic Engineering</td>
</tr>
<tr>
<td>Engineering Graphics</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>Engineering Design</td>
<td>Biomedical Engineering</td>
</tr>
<tr>
<td>Engineering Computing</td>
<td>Computer Science and Information Technology</td>
</tr>
</tbody>
</table>

Year Three
Follow chosen course of Engineering

Year Four
Follow chosen course of Engineering

What our students say

“...I studied Undenominated Engineering and then branched into Electronic and Electrical Engineering in second year. I chose the course as I had a huge interest in science and I was strong in maths in secondary school. I also have an innate interest in how things work. On completing first year, I knew that Engineering was definitely the course for me. I chose Undenominated Engineering as I was unsure which field of engineering I wanted to pursue. The Undenominated course allowed me to try out different subjects from different disciplines so that I could make an informed decision at the end of first year.”

Maebh Coleman – BE (Electrical and Electronic)

COURSE FACTS

CAO Code: GY401
Course Level: 8
Duration: 1 year – students then transfer into a denominated programme
Minimum Entry Points 2012: 430
Minimum A-Level Grades: A*A*A (A-Level) or equivalent combination, Grade C in A-Level Mathematics
Leaving Certificate Entry Requirements: Minimum Grade HC3 in two subjects and passes in four other subjects at H or O Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).
A-Level/GCSE Entry Requirements: See page 150 for matriculation entry requirements.
Average Intake: 100

Watch out for dates of our Engineering Summer School 2014. We will advise you of the details in local media, on the NUI Galway website and by direct contact with all schools.

Find out more:
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www.nuigalway.ie/engineeringandinformatics
What is Civil Engineering?
Civil Engineering is concerned with the planning, design, construction and maintenance of the built environment. It encompasses minor and major structures, ranging from drainage systems, houses, commercial buildings, roads and bridges to multistorey buildings and water and wastewater treatment facilities. The work of civil engineers is most visible in the structures in which we live and work, and their contribution is also seen in transportation systems such as subways, motorways, railways, airports and harbours. They are also involved in the design, construction and operation of complex water supply and sanitation systems for our ever-growing cities. In such projects and more generally, they perform a critical public and environmental health function.

Why should I study Civil Engineering?
The Civil Engineering degree programme at NUI Galway sets out to develop the scientific, technical, organisational, IT and communication skills needed for a satisfying and rewarding career as a civil engineer. Civil engineers work in rapidly changing and challenging areas, using traditional and new materials and techniques, and increasingly incorporating IT solutions at design and construction stage. You could be involved in schemes from design to management stage through to completion in what are often highly complex projects. Therefore, the profession combines creative skills with an aptitude for mathematics and technical subjects. At the most challenging end of the profession, where the management of large projects is involved, a high degree of administration skills is also required.

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

What placement opportunities can I expect while doing this course?
An industrial work placement with an engineering firm follows completion of the third year of study. This Professional Experience Programme gives students an opportunity to work on projects relevant to their course of study and significantly improves their chances of obtaining employment after graduation. In the event that no external placement is available, students will be given projects on campus.

What career and postgraduate prospects does Civil Engineering offer?
Graduates from the Civil Engineering programme will be eligible for employment in the private sector in construction companies, consultancies and contractors dealing with all aspects of building, transportation and infrastructural projects. Government departments and semi-state organisations also employ civil engineers.

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

For those interested in postgraduate study, the PhD and MEngSc degrees are obtained mainly through doing research work. Students will specialise in one of the discipline’s various areas of research, working with a high degree of independence and becoming experts on their chosen topic. This work is usually presented at international conferences and published in journals.
What our students say

I am a mature student with over 25 years spent in a previous career. My student experience has been both challenging and rewarding. I have built up a strong, wide-ranging knowledge base. This has been achieved through a well-designed and structured course and helpful and supportive lecturers. I have thoroughly enjoyed the course and this is due in no small way to the friendliness of my fellow students and the open and easy atmosphere of the University itself.

James Boyce – BE (Civil)
What is Mechanical Engineering?
Mechanical Engineering is a subject concerned with the design and manufacture of parts and systems that make up the range of machinery and equipment you see around you, from a can opener to a jet aircraft. Mechanical engineers design the tools and processes necessary to create all man-made products, and are often involved in the conceiving of an idea right through to seeing it as a finished product ready for commercial application. They design everything you think of as a device or machine. Devices used in engines, the components used in transportation, power conversion equipment like the steam and wind turbines used in modern electric power plants, and processing equipment used in oil and gas rigs all come within the remit of the mechanical engineer.

Why should I study Mechanical Engineering?
If you think you have or can develop the skills and knowledge to understand the requirements for designing a moving device or machine for the environment it will be used in as well as understand how it will best be manufactured, then you may make a good mechanical engineer. This degree programme is designed to provide graduates with the skills to face the challenge for newer, better, faster, more reliable, more versatile, longer-lasting and more environmentally friendly products and processes. These skills need also to be complemented by the managerial and personal skills required to interact with teams on joint projects.

How will I benefit from studying this subject?
Learning about Mechanical Engineering will help you develop your creative side, a part of your thinking that will enable you to design a new product or system and the analytical skills to make it a reality. You will also learn about the value of the teamwork skills that go into the successful production of most devices and processes used in today’s world. These are valuable skills that will be useful in other areas of your life also.

What placement opportunities does this course offer?
Students will undertake a five-month (April to August), off-campus work placement following completion of their third year of study. In the event that no external placement is available, students will be given projects on campus. This Professional Experience Programme gives students an opportunity to work on projects relevant to their course of study, and it significantly improves their chances of obtaining employment after graduation.

What postgraduate and career prospects will I have from this course?
As Mechanical Engineering is perhaps the most wide-ranging of engineering disciplines, it offers diverse career opportunities. Graduates go on to work in such areas as research, industrial design, project management, environmental protection, energy production, technical sales, process control, manufacturing, aeronautics, and materials and product development.

The ME Masters in Mechanical Engineering (60 ECTS) programme is designed to provide the additional one-year educational requirements for Chartered Engineer status and for parity with equivalent international engineering degree programmes. For students interested in pursuing further education, the PhD and MEngSc degrees are obtained through doing research work along with advanced study. Research students specialise in an area of research, working with a high degree of independence.
**COURSE OUTLINE**

**Year One**
- Engineering Calculus
- Engineering Mathematical Methods
- Engineering Mechanics
- Engineering Chemistry
- Engineering Physics
- Fundamentals of Engineering
- Engineering Graphics
- Engineering Design
- Engineering Computing

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

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

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

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**What our students say**

I chose Mechanical Engineering because it seemed to cover a broad range of subjects and offer a lot of opportunities. Second year built on first year’s material. So far it has covered analysis and design, fluid mechanics, electronics, metal and polymer materials, programming and computer aided design. With the knowledge acquired from the different disciplines, everyone finds their niche within the course. For me, this was programming and computer modelling, which I intend to pursue in the coming years.

Caoimhe Sweeney – BE (Mechanical)

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**COURSE FACTS**

**CAO Code:** GY405

**Course Level:** 8

**Duration:** 4 years

**Minimum Entry Points 2012:** 425

**Minimum A-Level Grades:** A*A*A (A-Level) or equivalent combination, Grade C in A-Level Mathematics

**Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

**A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 30

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**Find out more:**

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What is Electronic and Computer Engineering?
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 (electronic systems in cars, buses, trains and planes). Electronic and computer engineers also write software such as that used for mobile apps or internet applications, medical diagnostics software, and signal processing for multimedia applications, GPS and networking.

The Electronic and Computer Engineering course aims to integrate the engineering fields of software development and electronic hardware design. The course combines coursework in different aspects of both fields over the four years, with an emphasis on the design of computing systems.

Why should I study this course?
Despite the recession, career opportunities for electronic and computer engineers continue to be plentiful and varied. Numerous companies in Ireland and around the world are experiencing a shortage of engineers with skills in hardware and software. Ireland has a diverse mixture of large multinationals and small indigenous companies, each developing next-generation technologies for the computing, communications, automotive, aerospace, financial and biomedical. However, the one common factor that binds them all together is that they need people with good software and hardware skills in order to deliver next-generation technologies.

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

How will I benefit from studying this course?
The programme is comprised of lectures and lots of hands-on activities such as laboratories, assignments and projects. The early years of the course give you the basic scientific and mathematical skills to become an engineer. The latter years of the course allow you to develop the hardware and software skills that turn you into a specialist electronic and computer engineer. Graduates of this course are ideally placed to pursue their specialism across a range of industrial sectors, and it will have wide applicability nationally, with many indigenous technology companies and the multinational sector, and internationally. With the exponential development of ICT technologies worldwide, graduates of Electronic and Computer Engineering will be at the forefront of people being employed in this area.

What postgraduate opportunities are there after graduating in Electronic and Computing Engineering?
After graduation, suitably qualified students have the option to enrol and continue their studies to a level 9 masters or level 10 PhD. Typically, these are research-led postgraduate courses where, with the assistance of a supervisor, you will specialise in a chosen area of study and work to produce an independently researched body of work.

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

Throughout Ireland, there are numerous smaller companies thriving on a very buoyant technology market. These companies are experiencing huge demand for their services and products globally and will need a strong supply of highly educated, enthusiastic and creative engineers to carry them to even greater success.
What our students say

“ This course gave me the knowledge and the practical skills to find work in both the software and electronic hardware industries. Nearly all of the other students found a place in industry within weeks of graduating, some even before. We all thoroughly enjoyed the course, especially the projects we completed as part of it. During the third year of this course I went on a five-month placement to work in a company that develops smartphone gaming software, where I was part of a team releasing software to over a million users. The lectures, laboratory sessions and projects all prepared me for this.”

Finn Krewer – BE (Electronic and Computer)
What is Biomedical Engineering

Biomedical Engineering is a relatively new branch of engineering that involves the use of cutting-edge technologies to help improve human healthcare. Biomedical engineers are involved in the design and creation of medical devices, implants such as stents, and instruments and materials for clinical use. They also apply their engineering skills to problems in human biology and are at the forefront of developments in human medicine in the 21st century, enabling the medical profession to diagnose and treat disease, and repair or replace damaged living tissue.

Why should I become a biomedical engineer?

If you want an interesting career that involves the application of engineering principles to medicine and biology, this may suit you. Biomedical engineers assist clinicians to analyse and solve problems in biology and medicine, thereby helping to sustain or improve life. Both traditional and modern engineering principles and new technology are used. Biomedical engineers are also challenged to ensure that advances in technology keep pace with the advances in medicine and that the diagnostic, life-support or life-enhancing tools they create remain compatible with the human body.

How will I benefit from studying this subject?

This degree programme was developed as a result of the need within the biomedical industry for highly skilled personnel. Locally-based biomedical companies, of which there is a significant cluster in Galway, were involved in the design of the course. It is, therefore, highly relevant to the needs of industry while giving students a full training in engineering design principles and their application to human biology in an interdisciplinary environment. Related subjects that are covered over the course of the degree programme include biomedical instrumentation, tissue engineering and biomechanics.

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

What postgraduate options are offered?

Biomedical Engineering has a large research and development component, both in third-level institutions and in industry. The PhD degree is obtained primarily through research work, and there is an additional taught element that includes advanced taught modules and transferrable skills modules that best prepare the graduates to make a strong impact in the workplace. For the research, students specialise in one of the discipline’s various areas of research, working with a high degree of independence and becoming experts on their chosen topic. This work is usually presented at international conferences and published in journals. An exciting offering is the Masters of Engineering (ME) in Biomedical Engineering, which is a one-year taught masters designed to give bachelors graduates an advanced educational experience and to meet the educational criteria of Engineers Ireland for Chartered Engineer professional accreditation.

What career opportunities are there in Biomedical Engineering?

Biomedical Engineering offers a variety of career opportunities in such areas as private industry, universities, hospitals, research facilities, educational and medical institutes, and in teaching and working for government regulatory agencies. With eight of the world’s top ten biomedical companies based in Ireland – many of which are in Galway – there are good prospects for you to get employment nationally while remaining open to opportunities overseas.

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

Dr Laoise McNamara
Lecturer
What our students say

“This course has encouraged me to be innovative, develop my problem-solving skills and work as part of a team. I enjoy developing an idea and, by applying the mathematical, scientific and engineering principles I have acquired, developing the concept and creating visual graphics of the final product. I have benefitted from the hands-on experience acquired from the labs. This course has offered me the unique opportunity to study abroad at Purdue University as an exchange student due to a link developed between the two universities.”

Catherine O’Connor – BE (Biomedical)
Bachelor of Science (Project and Construction Management)

What is Project and Construction Management?
Over the past few decades, construction management has developed into a specific and necessary role within the construction industry as projects have increased in size and complexity, and the need to deliver them in a timely, efficient manner has become critical. The BSc in Project and Construction Management is an interdisciplinary degree programme, providing students with an extensive training in construction management and project management, essential managerial aspects to carrying out large, complex projects in industry. This degree programme prepares graduates for taking on technical, management, academic and research/development level positions in the construction industry as well as across a range of other industries, such as in the bio-pharmaceutical, technology and science sectors.

Why should I become a project and construction manager?
Despite the downturn in the economy, construction remains hugely important as an industry, and there is an ever-present need for skilled and resourceful project managers nationally and internationally as companies seek to carry out projects as efficiently and effectively as possible. The construction industry has seen many rapid changes in recent years, with the advent of new technologies and the extensive use of computer-based techniques. Added to this are developments in new materials with enhanced performance and new construction techniques. There is also the interdisciplinary challenge, with a blurring of boundaries taking place between traditional roles in construction and other areas, requiring highly developed managerial skills in the overseeing of complex projects.

How will I benefit from studying this subject?
Becoming a project and construction manager will mean you will be trained in the fundamentals of civil engineering, construction, and business and economics. You will learn about managerial and accounting principles, get an introduction to human resources management and progress to getting an insight into the concepts of financial management. Other focuses over the four-year programme are Health and Safety Law, Quality Management, and Planning, which is evolving to take account of changing environmental concerns and sustainability issues. 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.

What postgraduate options are offered?
The PhD and MEngSc degrees are obtained through doing research work, with an optional minor taught element in the case of the MEngSc. Students specialise in one of the discipline’s various areas of research, working with a high degree of independence and becoming experts on their chosen topics. This work is usually presented at international conferences and published in journals.

What career opportunities are there in Project and Construction Management?
The project management skills gained from the programme will be marketable across a wide range of industries, including biopharma, technology, and science. Graduates will be qualified to work as engineering assistants or construction project managers or their assistants, and in various supervisory positions, such as in building maintenance.

Community-based research projects give students the flexibility to further explore areas that interest them, while gaining experience of working in a small team with community partners on real projects
Dr. Jamie Goggins
Programme Director
What our students say

"NUI Galway is the only University offering this type of degree course. Studying this course has been the foundation to succeeding as a graduate in the construction Industry. Completing this degree prepared me with the technical and managerial knowledge and skills to successfully secure employment in the construction industry. The BSc Project and Construction Management is such an interdisciplinary programme that I was at a distinct advantage, having a firm understanding of a broad range of topics. The course also taught me to be adaptable, with each day being so different and with new issues arising all the time, it is important to develop this skill."

Allan Hannon – BSc Project and Construction Management, Graduate Engineer at RPS
Graduates from this programme will play a critical part in Ireland's future in emerging fields of renewable energy and smart grids.”
Dr. Marcus Keane
Programme Director Energy Systems Engineering
# COURSE OUTLINE

## Year One
- Engineering Calculus
- Engineering Mathematical Methods
- Engineering Mechanics
- Engineering Chemistry
- Engineering Physics
- Fundamentals of Engineering
- Engineering Graphics
- Engineering Design
- Engineering Computing

## Mechanical:
- Mechanical Analysis and Design
- Mechanical Vibrations
- Fluid Dynamics
- Materials

## Civil:
- Structures
- Introduction to Geomechanics
- Structural Engineering Design

## Year Two
- Mathematics and Applied Mathematics
- Thermodynamics & Fluid Mechanics
- Engineering Materials
- Electronic Instrumentation and Sensors
- Strength of Materials
- Electrical Circuits and Systems
- Building Systems
- Energy Systems Engineering
- Design

## Year Three
### Core Topics:
- Sustainable Energy and Energy in Buildings
- Linear Control Systems
- Thermodynamics and Heat Transfer
- Object Oriented Programming
- Introduction to Modelling
- Project and Professional Studies

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

### Electrical:
- Signals and Communications
- Microprocessor Systems Engineering
- Power, Machines and Control
- Communication Systems Engineering

### Mechanical:
- Systems Reliability
- Polymer Engineering
- Turbomachines and Advanced Fluid Dynamics
- Power, Machines and Control

### Civil:
- Structural Design
- The Built Environment
- Planning and Law

## Year Four:
### Core Topics:
- Project Management
- Energy in Buildings
- Energy Conversion
- Computational Methods in Energy Systems Engineering
- Smart Grid
- Energy Systems Engineering Project
- Advanced Energy Systems Engineering

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

### Electrical:
- Power Electronics
- Advanced Power Electronics
- Digital Signal Processing
- Power Systems

### Mechanical:
- Systems Reliability
- Polymer Engineering
- Turbomachines and Advanced Fluid Dynamics
- Power, Machines and Control

### Civil:
- Structural Design
- The Built Environment
- Planning and Law

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### What our students say

*“I chose to study engineering because I enjoyed maths and physics in school. This course provides students with a great foundation in civil, electrical and mechanical engineering. Students study all three disciplines in first and second year, and specialise in one stream in third and fourth year. The unique thing about this course is that engineering theory is applied to energy-related issues every year through a variety of interdisciplinary projects. This is a very well-rounded degree, offering a wide range of career path choices.”*

Colm O’Rourke – BE (Energy Systems)

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### COURSE FACTS

- **CAO Code:** GY413
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 430
- **Minimum A-Level Grades:** A*A*A (A-Level) or equivalent combination; Grade C in A-Level Mathematics

**Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum of Grade C3 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

**A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.

**Average Intake:** 43

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**Find out more:**

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Bachelor of Engineering (Electrical and Electronic)

What is Electrical and Electronic Engineering?
Electrical and Electronic Engineering involves the development of technologies for our future needs in such areas as communications, electrical energy, healthcare and entertainment. Electrical and electronic engineers are involved in advances in renewable energy, medical technology, automobiles, mobile telecommunications and automation (as required, for example, in pharmaceutical processes). The programme title reflects the broad range of electrical and electronic technologies covered, so that graduates are qualified to work in a wide selection of high-tech industries where there is a high demand for Electrical & Electronic Engineers. The programme combines lectures and lab-based experimental classes with project work, where students apply their knowledge to design, build and test innovative electrical and electronic systems.

How will I benefit from studying this programme?
This programme provides a solid technological base from which a career in electrical and electronic engineering can be launched, along with the basic skills needed to sustain professional development throughout a graduate career. As it combines coursework, laboratory classes and projects in different aspects of electrical and electronic engineering, the programme will give graduates the knowledge and skills needed to design and develop innovation technologies for a wide range of industry sectors. It incorporates the design and development of devices, circuits and systems that are used in a wide range of high-tech products, and so it will appeal to students who like to understand how technology works and who have an interest in electrical or electronic circuits. Students who enjoy science, and particularly physics, are usually attracted to it.

What placement opportunities are there?
Students will undertake a five-month (April-August), off-campus work placement following completion of their third year of study, where they will be employed as intern electrical and electronic engineers in industry. In the event that no external placement is available, students will be given projects on campus. This Professional Experience Programme gives students an opportunity to work on projects relevant to their course of study and significantly improves their chances of obtaining employment after graduation.

Do I have postgraduate options following completion of my BE degree?
Graduates can progress to a 9 month taught masters degree leading to a Level 9 ME qualification. Alternatively, graduates can pursue postgraduate study in the college as masters or PhD students. Students who enter postgraduate study directly from their undergraduate courses are normally admitted to the Master of Engineering Science (MEngSc) or the PhD programmes. The MEngSc degree may be obtained by course work with a minor thesis or by research work with a major thesis.

What career prospects does Electrical/Electronic Engineering offer?
It is expected that career opportunities for graduates of this programme will expand. There is an ever-increasing emphasis on the development of intelligent electrical and electronic products to provide more effective and energy-efficient solutions in industry. Completing the BE degree in Electrical and Electronic Engineering offers a passport to national and international career opportunities in a diverse range of industries, electrical utilities and organisations which use electrical and electronic engineering expertise. These include electronic circuit and system design; power electronics; medical electronics; healthcare; computer programming; telecommunications; automotive electronics; industrial & process automation; electrical power systems; renewable energy; consumer electronics; and broadcasting.

This programme is designed to train graduates in a wide range of fundamental skills in electrical/electronic engineering, so that they are prepared for a career in developing next generation technologies”
Dr. Maeve Duffy
Programme Director
### Course Outline

#### Year One
- Engineering Calculus
- Engineering Mathematical Methods
- Engineering Mechanics
- Engineering Chemistry
- Engineering Physics
- Fundamentals of Engineering
- Engineering Graphics
- Engineering Design
- Engineering Computing

#### Year Two
- Engineering Calculus
- Engineering Algebra
- Applied Maths I & II Engineering Numerical Analysis
- Engineering Statistics
- Electrical Circuits and Systems I & II
- Analogue Systems Design I
- Microprocessor Systems Engineering I & II
- Theory of Machines
- Digital Systems
- Laboratory exercises
- Fundamentals of Electromagnetic Theory Programming

#### Year Three
- Business Management and Finance
- Professional Studies
- Linear Control Systems
- Electrical Power and Machines
- Signals and Communications
- Communications Systems Engineering
- Project and laboratory work
- Engineering Electromagnetics
- Digital Systems
- Analogue Systems Design

#### Year Four
- Power Systems
- Power Electronics
- Digital Signal Processing
- Digital Systems Design and VHDL
- Telecommunications Software Applications
- Project and Laboratory work
- Semiconductor Technology
- Advanced RF Engineering Electromagnetics
- Systems Engineering
- Applied Software Engineering

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### Course Facts

- **CAO Code:** GY414
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 455
- **Minimum A-Level Grades:** AAA (A-Level) & c(AS) or equivalent combination, Grade C in A-Level Mathematics

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#### Leaving Certificate Entry Requirements
- Minimum Grade HC3 in two subjects and passes in four other subjects at H or O Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes.
- In addition, students must obtain a minimum of Grade C3 in the Higher Level Leaving Certificate paper in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

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#### A-Level/GCSE Entry Requirements:
See page 150 for matriculation entry requirements.

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### Average Intake:
7

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### What Our Students Say

> During my four years as an undergraduate, I had the opportunity to work on very interesting and relevant projects, such as a remote-controlled roller blind system for disabled users and to develop my own android applications. The course is regularly updated to stay relevant and industry focused. During the course I had the opportunity to complete a five-month internship at a microelectronic multinational company, designing microchips (ICs), and this allowed me to apply the skills I had learned in industry.

- **David Newell – BE (Electrical and Electronic)**

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### Find out more:

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  College of Engineering and Informatics

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Bachelor of Science (Computer Science and Information Technology)

What is Computer Science and Information Technology?
The BSc (Honours) in Computer Science and Information Technology has a proven track record of producing graduates that excel in varied CS & IT disciplines, such as digital media and games development, software engineering, medical informatics, IT consulting and energy informatics.

The programme covers the theory and practice of designing and developing computer systems, incorporating hardware and software as well as networking and telecommunications technologies. The student will be exposed to a range of topics, built upon a solid scientific foundation and delivered with a practical, applied focus, involving the use of electronic devices, such as computers and mobile phones, computer software and networks to store, process, transmit, retrieve and manipulate information.

Why should I study this programme?
This degree has problem-based learning at its core. You will acquire an in-depth knowledge of the foundations of mathematics and computer science, software engineering technologies and an array of practical application areas. Computer Science and Information Technology has a flexible course structure, where you can choose to study a range of next-generation technology areas, including digital media and games, enterprise informatics, energy informatics, computational mathematics, scientific computing and medical/bio-informatics. The programme’s core subjects will provide you with a solid theoretical and applied background. As part of your final year study, you will undertake a major IT project.

What placement opportunities are there?
Students will undertake a five-month (April-August), off-campus work placement following completion of their third year of study. In the event that no external placement is available, students will be given projects on campus. This Professional Experience Programme gives students an opportunity to work on projects relevant to their course of study and significantly improves their chances of obtaining employment after graduation.

Do I have postgraduate options following completion of my BSc degree?
Graduates can pursue postgraduate study in the college as higher diploma, masters or PhD students. Students who enter postgraduate study directly from their undergraduate courses are normally admitted to either the Master of Science (MSc) programme, which may be obtained by course work with a minor thesis, by research work with a major thesis, or to the PhD programme.

What career prospects does Computer Science and Information Technology offer?
Graduates of the BSc (CSIT) are highly skilled and are equipped to take on employment as professional engineers, designers or consultants in a range of organisations, specialising in areas such as software design and development, digital media and games, IT consultancy, telecommunications and medical informatics. Despite the global recession, prospects for IT/computing graduates remain strong in Ireland and throughout the world. The government’s Expert Group on Future Skill Needs has highlighted a shortfall in the number of IT/computing graduates as the numbers studying it are not adequate to meet the demand in virtually every sector.

Watch out for dates of our Computing Summer Camp 2014. We will advise you of the details in local media, on the NUI Galway website and by direct contact with all schools.
### COURSE OUTLINE

#### Year One
- Computing Systems I
- Fundamentals of Electrical & Electronic Engineering
- Next-Generation Technologies I
- Programming I
- Algorithms & Information Systems
- Mathematics
- Principles of Physics

#### Year Two
- Professional Skills
- Introduction to Modelling
- Software Engineering I
- Databases Systems I
- Algorithms II
- Programming II
- Mathematics
- Statistics

#### Year Three
- Network and Communications
- Programming Paradigms
- Programming III
- Software Engineering and Project Management
- Human Computer Interaction
- Database II
- Next Generation Technologies III
- Applied Probability and Statistics

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

In final year, students take additional subjects and projects in one of the following areas:
- Digital Media and Games
- Energy Informatics
- Medical/Bio-informatics
- Scientific Computing
- Enterprise Informatics
- Computational Informatics

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### COURSE FACTS

- **CAO Code:** GY350
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 415
- **Minimum A-Level Grades:** A*AA (A-Level) or equivalent combination, Grade D in A-Level Mathematics or Grade B at O-Level

#### Leaving Certificate Entry Requirements:
Minimum Grade HC3 in two subjects and passes in four other subjects at H or O Level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) or Technology, and any two other subjects recognised for entry purposes. In addition, students must obtain a minimum Grade OB3 or HD3 in Mathematics or, alternatively, obtain a pass in the Special Engineering Entrance Examination in Mathematics (held in the University).

#### A-Level/GCSE Entry Requirements:
See page 150 for matriculation entry requirements.

**Average Intake:** 50

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### What our students say

> I chose the IT undergraduate course because I was interested in technology and the software behind it. I was challenged to think creatively to solve problems and discovered how systems that are incorporated into everyday life work. I also met many people who shared similar interests and we were able to incorporate these into various class group projects, which included music, computer games and artificial intelligence. The degree has led me to postgraduate research in artificial intelligence in NUI Galway.

**Alan Cunningham – BSc (Computer Science and Information Technology)**

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### Find out more:

- **Tina Earls**
  - Information Technology
  - College of Engineering and Informatics
  - +353 91 493 143
  - info@it.nuigalway.ie
  - www.it.nuigalway.ie
Ireland’s largest School of Engineering – A Learning Laboratory

“NUI Galway’s new Engineering Building is the largest School of Engineering in the country and opened in July 2011. The building is equipped with world-class facilities, providing a working example for engineering students to study. The building gives our students an opportunity to collaborate with other students and to help them to understand engineering on a more personal level. From exposed structural elements on view to built-in sensors (measuring light, temperature, carbon dioxide, strain) throughout, its features make the learning experience a more positive one for our students. This learning laboratory, located beside the River Corrib, houses state-of-the-art lecture theatres, classrooms, research facilities and breakout spaces where students collaborate on projects and discuss the latest cutting-edge developments in engineering. Our laboratories give our students an opportunity to design and build prototypes for testing and evaluation. It’s no surprise that it was voted Ireland’s favourite building in the 2012 Royal Institute of Architects of Ireland Public Choice Award.”

Dr Jamie Goggins, Lecturer, Civil Engineering

“The new Engineering Building has really enhanced my learning experience. As you walk through the corridors, you see sections of different elements of the building exposed – such as the reinforcement bars in the concrete walls, the base of a concrete column, and electrical wires. Such elements would usually be hidden in any other building. Here they are left open to view so that students can see for themselves how they were installed.”

Michael Fleming, Civil Engineering Student
Graduate Insights

“T’m a Construction Project Manager with SSE Renewables (Airtricity). I coordinate and manage the main contractors who work on a windfarm construction site to ensure the delivery of the project safely, on budget and on time. I also coordinate with the grid operator, either ESB on the network or Eirgrid on the transmission side, to ensure timely delivery of our grid connection. In addition, I deal with all landowners from whom we are leasing land to construct a turbine or perhaps simply to install a cable through their land. As part of my course, I studied highway and traffic design and design of concrete structures. I also studied project management and this has been invaluable in allowing me to start work as a graduate project manager. I chose NUI Galway due to the excellent reputation of the College of Engineering and Informatics.”

James O’Hara, BE Civil Engineering

“While I was studying in NUI Galway, I met some amazing people who gave me the freedom to attack problems that I wanted to solve and then believed in me until I succeeded. Ultimately, this freedom and trust gave me the confidence to build a company that could solve much bigger problems. I’m now the founder and CEO of a tech start-up called Ex Ordo. When I was in college, I learned how to build web sites and then when I graduated, I decided to go out on my own and I started building web apps from my bedroom. In April 2011, I pulled together a team of people and we started to build a web app that is now known as Ex Ordo. Ex Ordo is a web app that manages research conferences. We launched a beta version of the software in September 2011 and within a year, we were powering about 50 conferences in Europe, the US and Asia. By 2015, our technology will be powering 2,000 conferences worldwide.”

Paul Killoran, BE Electronic and Computer Engineering

“I am in the final year of a PhD in Biomedical Engineering at NUI Galway. For my research, I investigate medical devices for the femoral artery, the major artery of the leg. I became interested in research after completing my final year project in the fourth year of my undergraduate Biomedical Engineering degree.

Studying Biomedical Engineering at NUI Galway introduced me to the fascinating world of medical devices. The degree provided me with the fundamental skills set required to begin a career as an engineer along with the opportunity to study a broad range of subjects. From this I found those that interested me the most, which led me towards choosing the topic of my research work.”

Ríona Ní Ghriallais, BE Biomedical Engineering
You will work hard. You will never stop learning. You will take pride in your work. You will touch the lives of many people. You will make a difference.

Professor B.G. Loftus
Dean of the College of Medicine, Nursing and Health Sciences
What is the NUI Galway medical curriculum about?
The medical curriculum in Galway is an integrated, five-year modular programme, after 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 curriculum in which your learning is centred on the systems of the healthy body and the treatments when these 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. This is a competition run annually in the NUI universities across 16 different categories and is open to students of medicine, nursing and related health areas. From a total of 39 awards, NUI Galway was awarded 14 in 2010, 16 in 2011 and 16 in 2012. Our students have also won the national Spike Milligan competition in psychiatry on two occasions and the Jack Flanagan Medal in geriatric care. All these awards reflect the very high standard of medical education and commitment from teaching staff and engagement in learning by our students. In addition, undergraduate research is encouraged. You could even have the opportunity to complete a PhD in parallel with your medical studies! As a medical student at NUI Galway, you are in a position to compete with your peers for awards and medals in various subject areas. These are awarded on graduation day.

Tell me about the School of Medicine
The School of Medicine has an enrolment of around 800 students, including many from overseas. University Hospital Galway, conveniently located beside the University campus, is the major teaching hospital. All students spend one full clinical year at one of four medical academies, in Sligo, Letterkenny, Castlebar or Ballinasloe. School staff are highly qualified and the University has an extensive and well-funded programme of medical research.

The University is committed to providing the most up-to-date facilities and resources for the study of medicine and health sciences at the Galway campus. New buildings are coming on stream to accommodate new programmes and expanding enrolments: A new Medical Education Centre opened in the hospital campus in 2007, and a Human Biology Building (HBB) and a Clinical and Translational Research Facility (CRF/TRF) are in the development stages.

How will you help me to become a medical practitioner?
We recognise that you are a self-motivated student, able to take responsibility for your own learning, and we can assist you in achieving your goals. Healthcare delivery is a team activity and good communication is a central professional skill – we will emphasise it through your undergraduate training, and you will greatly value this yourself when you come to practise as a doctor. If you are a natural communicator, we can teach you to improve and if communication is difficult for you, we teach you how to overcome this. During your education and throughout your professional life, you will need to recognise and reflect on your own attitudes, values and prejudices, and to consider how they might impact on your professional role. We teach you to gain greater self-knowledge and an appreciation of diversity, which will help you to conduct yourself in a caring and sympathetic manner. It is important to understand also that the award of your medical degree is only the beginning. A physician’s life involves continued, life-long learning.

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

How is the programme taught?
In keeping with leading trends in medical education throughout the world, we have developed a highly integrated and modular curriculum for you over your five-year programme. Teachers from different disciplines will teach together in modules that connect material from different disciplines related to the body’s healthy systems, their diseases and the treatments which are indicated. For example, in first year you will do a module on the cardiovascular system, which will give you an integrated picture – with contributions from several disciplines – instead of learning about it in a piecemeal way in four or five disconnected courses.

While the course brings you into contact with patients from the beginning, the early years of the programme are based on the healthy body and developing the foundations of medicine. This allows you to enter a clinically-based programme from mid-way in third year. After graduating as a newly qualified doctor, you will work in hospitals as an intern for one year prior to obtaining full registration as a licensed medical practitioner with the Irish Medical Council.
What are the special features of the medical curriculum?
The programme has a number of special features:

1. The clinical component of the programme from mid-way through third year will see you on clinical rotations in the Galway University Hospitals and in our regional medical academies: Sligo General Hospital; Letterkenny Hospital; Mayo Hospital, Castlebar; and Portiuncula Hospital, Ballinasloe.

2. We promote the total student experience and encourage volunteering. You will have the opportunity for summer work overseas in developing countries, where your new skills in healthcare will be put to good use.

3. We offer a unique range of Special Study Modules (SSMs) in a wide range of topics, from Paramedic Skills to Medicine and the Arts.

4. We have recently established a Medical School Orchestra and a Medicine in the Arts programme for students who enjoy the creative arts.

5. We have an active undergraduate research programme.

What further education options will I have?
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)

Are there any work placement opportunities on the programme?
In partnership with HSE and our regional hospitals, the School of Medicine assists in an Intern Placement Scheme. The purpose of the scheme is to ensure that medical graduates receive the appropriate training and experience to become registered physicians. We work hard to ensure that as many graduates as possible obtain a 12-month placement in a recognised intern post.

What about international study opportunities?
The School of Medicine is involved in the exchange and placement of clinical students through the Erasmus/Socrates programme. The school welcomes the contribution of overseas students and encourages mobility among its own students so that their education gains an international dimension that will benefit them as individuals.

What career opportunities will I have?
Graduates from this programme will find employment in:
- Hospitals
- Private practice
- Education and research
- Community rehabilitation services
- Pharmaceutical companies
- Medical device companies
- Health insurance companies
- Medical journals

SPECIAL STUDY MODULES
(SSMs) currently offered in first and second year:
- Adolescent Medicine
- Asylum and Refugee Healthcare
- Basic Surgical Skills
- Community CPR Teaching
- End of Life Enhancement
- Exercise Physiology
- Head and Neck Anatomy
- High Altitude Medicine
- Homelessness Project
- Learning to Teach
- Malaysian Culture and Eastern Medicine
- Medical Electronics
- Medical English
- Medical Humanities
- Medical Orchestra
- Medicine and the Arts
- Pre-Hospital Emergency Care
- Presentation Skills
- Regenerative Medicine
- Sign Language
- Sports Psychology
- Sports Science Research
- Teanga an Leithis
- Teenage Mental Health Promotion
- Understanding Complementary Medicine
COURSE FACTS

CAO Code: GY501
Course Level: 8
Duration: 5, 6 or 8 years (Refer below for requirements to enter all programmes)
Minimum Entry Points 2012: 736*
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.) And aptitude test
Completion of the required Admissions Test (HPAT-Ireland)
Minimum A-Level Grades: A’A’A’ (A-Level) & c (AS) or equivalent combination plus HPAT-Ireland Test results (minimum combined score for 2012 was 736)

Leaving Certificate Entry Requirements:

GY501 Medicine (5 years):
In addition to 6-year requirements, HC3 in Chemistry minimum. A merit order applies based on HC3, if any, attained in the following; Biology, Physics, Physics/Chemistry or Agricultural Science. Refer to this website for more details: www.nuigalway.ie/courses/undergraduate-courses/surgery-obstetrics.html

GY501 Medicine (6 years):
Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, another language, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any other subject recognised for entry purposes.

GY501 Medicine (8 years):
From September 2012, students entering the medical programme have the opportunity also to complete a PhD degree by conducting dedicated research. This is done on an integrated schedule, so that after successfully completing a period of study that is likely to amount to eight years, both the medical degree and the PhD are conferred. Students of the medical programme who are interested will undergo a selection process at the mid-point of their medical studies, which includes an assessment of their academic performance to date and an interview. Limited financial support is provided for the additional three years. The programme and the research themes are agreed at the commencement of the research. Please contact the Medical School for further details (medschool@nuigalway.ie)

A-Level/GCSE Entry Requirements: See page 150 for matriculation entry requirements.

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

Average Intake: 120  * Not all students on these points were offered a place.

What our students say

“Studying medicine at NUI Galway has been one of my best decisions. The atmosphere around the medical school is really relaxed and friendly, almost like a family, with everyone looking out for each other. This year I got the chance to spend three months abroad in Sweden as part of my studies. It was such an amazing experience. I was able to learn Swedish, see how the medical system works in another country and, most of all, experience living in another country.”

Melanie Hennessy – Medical Student
One of the Junior Chamber International top ten ‘Outstanding Young Persons of the World’ 2010.

Find out more:
School of Medicine
Clinical Sciences Institute, NUI Galway

+353 91 544 475
medschool@nuigalway.ie
www.nuigalway.ie/medicine

COURSE OUTLINE

Foundation Year
▶ Physics
▶ Chemistry
▶ Biology
▶ Foundations of Medicine

Year One
▶ Anatomy
▶ Biochemistry
▶ Pharmacology
▶ Physiology
▶ Cardiovascular System
▶ Gastro-intestinal System
▶ Human Nutrition
▶ Renal System
▶ Respiratory System
▶ Professionalism

Year Two
▶ Central Nervous System
▶ Endocrinology
▶ Genetics
▶ Molecular Medicine
▶ Reproduction and Development
▶ Drugs and Disease
▶ Health and Disease
▶ Organ Failure
▶ Professionalism

Years Three – Five
▶ Clinical Laboratory Sciences:
  ▶ Pathology
  ▶ Microbiology
  ▶ Public Health
▶ Clinical Disciplines:
  ▶ Medicine
  ▶ Surgery
  ▶ Paediatrics
  ▶ Psychiatry
  ▶ Obstetrics and Gynaecology
  ▶ General Practice
  ▶ Anaesthesia
  ▶ Radiology
Bachelor of Science (Occupational Therapy)

What do occupational therapists do?
Occupational therapists work with children and adults with acquired conditions such as stroke or spinal cord injury, with mental health problems or with congenital illness such as cerebral palsy or spina bifida among other disorders. Occupational therapists aim to facilitate independence in daily 'occupations', such as self-care, work, financial management, leisure pursuits and education. Any illness, trauma or disruption can result in difficulties in these areas due to problems with moving, thinking or carrying out the tasks. Occupational therapists design and deliver intervention programmes to address these difficulties.

What work placement opportunities are offered?
Students are required to complete 1,000 hours of Practice Education successfully under the supervision of a qualified occupational therapist. Practice Education is a placement which involves the student learning under the supervision of an occupational therapist in the practice setting. Practice Education takes place at the end of Semester 2 in first year (one week), Semester 2 of second year (2 x 8 weeks) and Semester 1 of fourth year (2 x 8 weeks). Students may be required to undertake practice education anywhere in Ireland and can also avail of the opportunity to go on an international placement.

What career opportunities can I expect to have?
Graduates of the degree course will have a professional qualification and may work in a variety of settings such as:

- Hospitals
- Voluntary organisations
- Mental health services
- Child and adolescent services
- Physical and sensory services
- Community rehabilitation
- Disability services

What our students say
As part of my fourth year in the Occupational Therapy programme, I had the opportunity to complete a block placement in India. I worked alongside a team of healthcare professionals committed to promoting the rehabilitation and recovery of clients with brain injury and spinal cord injury. This experience is a once in a lifetime opportunity made possible by the support and encouragement of the discipline of Occupational Therapy in NUI Galway.

Edel Siney – BSc (Occupational Therapy)
Bachelor of Science (Speech & Language Therapy)

What does a speech and language therapist do?
Speech and language therapists enable people with communication disorders and swallowing disorders to achieve their maximum potential. They are involved in assessing their clients’ communication and swallowing difficulties, and developing treatment programmes to meet their needs. They work closely with other members of the team, such as nurses, doctors, occupational therapists, physiotherapists, teachers, etc. They work in a variety of settings, including hospitals, primary care health centres and schools.

What work placement opportunities are there?
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 speech and language therapist and 150 of which can be clinically related. Students may be asked to undertake placements anywhere in Ireland.

Why should I become a speech and language therapist?
Speech and language therapy is an exciting and dynamic healthcare profession, concerned with the assessment, diagnosis and management of communication and swallowing disorders.

What career opportunities can I expect?
Graduates of the degree course will have a professional qualification and may work in a variety of settings such as:
- Community clinics/health centres
- Day centres
- Rehabilitation centres
- Individuals’ homes
- Child development centres
- Hospitals
- Mainstream and special schools
- Language classes

Find out more:
Speech and Language Therapy
School of Health Sciences,
Áras Moyola, NUI Galway
+353 91 492 957
healththerapies@nuigalway.ie
www.nuigalway.ie/speech_language_therapy/

What our students say

“Speech and Language Therapy is a really interesting and diverse course. As an SLT, you can work in many different settings, such as hospitals, clinics, in the community and rehabilitation centres, with opportunities provided to work with a wide variety of clients. I really like the balance the course has between the social sciences and the medical sciences. The class is small, so you get to know your classmates and lecturers very well, which leads to a great learning environment. Also, because of the on-site Speech and Language Therapy Clinic, and other clinical placements, there are plenty of opportunities to develop your clinical skills over the four years.”

Aimee O’Connor – BSc (Speech and Language Therapy)
Bachelor of Science (Podiatry)

What is Podiatry?
Podiatry is a healthcare profession that specialises in the management of disease and disorders of the lower limb and foot. The foot is a highly complex structure, which can develop problems affecting a patient’s overall health and quality of life. Podiatry can significantly improve people’s quality of life by promoting and maintaining mobility. Therefore, podiatry as a career can be extremely rewarding and fulfilling, giving immense job satisfaction. Podiatrists are educated in diagnosis and in planning and implementing interventions for all age groups. As a podiatrist, you will work as an independent, autonomous practitioner, demonstrating expertise in assessing, diagnosing and managing lower limb and foot-related problems. Specific areas of specialism within podiatry include biomechanics and sports injuries, diabetes, vascular, rheumatology and minor surgery. You will work alongside other health professionals, such as doctors, nurses, physiotherapists and orthotists.

What work placement opportunities are there?
Clinical Practice, a process of work-based learning which involves a partnership between the Clinical Educator and the student in the practice setting, is an integral part of the programme. All students are required to complete 1,000 hours of clinical practice successfully under the supervision of qualified podiatrists. Clinical practice will be integrated into each year of the programme and primarily takes place in Merlin Park Podiatry Clinic, based at Merlin Park Hospital, Galway. This facility provides an out-patient podiatry service to patients with a variety of medical and surgical conditions, children, people with sports injuries and patients requiring soft tissue surgery. There are also opportunities for national and international placements within the programme, including the possibility of a student exchange with New York College of Podiatric Medicine. The programme is the only such professionally accredited qualification in the Republic of Ireland.

What career opportunities can I expect?
Graduates of the degree course will have a professional qualification and may work in a variety of settings such as:
- Hospitals
- Sports centres
- GP practices
- Nursing homes
- Private practice
- Education and research
- Community rehabilitation services
- Opportunities for further postgraduate studies

COURSE OUTLINE

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

Year Two
- Clinical Studies II
- Podiatry Theory II
- Pathophysiology
- Functional Anatomy and Biomechanics
- Research Methods I
- Introduction to Pharmacology

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

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

What our students say
I chose Podiatry as I like working with people on a one-to-one basis and want to work as part of a healthcare team. I really enjoy the clinical aspect of the course as it allows you to put the theory you have learned into practice. I enjoy the confidence boost you feel after treating patients and knowing the immediate effect you have on their mobility when they leave the clinic.

Aisling Phelan – BSc (Podiatry)
Bachelor of Nursing Science (General)

What is the Bachelor of Nursing Science (General) Programme about?
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 to register with an Bord Altranais agus Cnáimhseachais na hÉireann, the nursing and midwifery professions' regulatory body. The programme is offered in partnership with the Health Service Executive (HSE) West.

How is the programme run?
The first three years are run within the academic year and include a combination of theory modules and clinical practice modules. Practice modules will require students to be in clinical practice for 35 hours per week. Year four comprises clinical/theory instruction in semester one and a 36-week internship of clinical practice, which runs from January to September. During this period, the student will be an employee of the HSE West and paid a salary. The theoretical component comprises lectures, seminars, workshops, experiential learning, skills training and reading time.

What other work placement requirements are there?
Students are required to complete their clinical practice placements within the HSE West region. While on clinical placements, students will be supervised by a nurse who has been specially prepared to guide and direct student learning. Students are also supported by the clinical placement co-ordinator, who ensures that learning outcomes are identified and achieved.

What further education options are there?
Graduates have the option to study a variety of nursing programmes at postgraduate, diploma, masters and PhD levels.

What career opportunities will I have?
Nurses have the opportunity to work in a variety of settings in the hospital and the community. The Bachelor of Nursing Science degree is recognised internationally and many nurses choose to work overseas to broaden their experience.

COURSE OUTLINE

**Year One – Three**
- Biological Sciences
- Social Sciences
- Nursing Theory
- Nursing Practice
- Health Promotion
- Research

**Year Four**

**Semester 1**
- Research
- Leading & Developing Practice
- Clinical/Theory instruction

**Semester 2**
- Clinical internship which runs over 36 weeks

What our students say

“I enjoy the way the programme is set out, with due emphasis given to theory and clinical experience components. I’ve had the chance to learn many things, not just about nursing but also from biological sciences and social sciences, making the course all the more dynamic and enjoyable. I have also gained clinical experience in medical and surgical nursing, midwifery, and psychiatric and public health nursing.”

Suelyn Sibanda – BSc (Nursing)

**COURSE FACTS**

- **CAO Code:** GY515
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 455*
- **Minimum A-Level Grades:** AAA (A-Level) & c (AS) or equivalent combination
- **Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate including Irish (not Foundation Level), English, Mathematics (not Foundation Level), a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any two other subjects recognised for entry purposes.
- **A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.
- **Additional Requirements:** All successful applicants who are offered places on the degree programme will be required to have medical screening and Garda vetting: this will include medical assessment, screening and, if necessary, vaccination prior to the first clinical placement, in accordance with the policies of NUI Galway and the HSE West.
- **Average Intake:** 60

* Not all students on these points were offered a place.

Watch out for dates of our Nursing Summer School 2014. We will advise you of the details in local media, on the NUI Galway website and by direct contact with all schools.

Find out more:
School of Nursing and Midwifery
Áras Moyola, NUI Galway

+353 91 493 432
	nursing.midwifery@nuigalway.ie

www.nuigalway.ie/nursing.midwifery
Bachelor of Nursing Science (Psychiatric)

**COURSE FACTS**
- **CAO Code:** GYS16
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 410*
- **Minimum A-Level Grades:** BBB (A-Level) & c (AS) or equivalent combination

**Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science), and any two other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.

**Additional Requirements:** All successful applicants who are offered places on the degree programme will be required to have medical screening and Garda vetting; this will include medical assessment, screening and, if necessary, vaccination prior to the first clinical placement, in accordance with the policies of NUI Galway and the HSE West.

**Average Intake:** 15

* Not all students on these points were offered a place.

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**What is the Psychiatric Nursing programme about?**
This four-year programme, offered in partnership with the Health Service Executive West, leads to the award of Bachelor of Nursing Science (Psychiatric) and eligibility for registration in the Psychiatric Division of the Nurses’ Register, maintained by Bord Altranais agus Cnáimhseachais na hÉireann, the nursing and midwifery professions’ regulatory body.

**What do psychiatric nurses do?**
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 carers and families.

**What work placement obligations are there?**
Students undertake a 36-week clinical internship in semester two of year four. Clinical practice modules require students to complete clinical placements within the Health Service Executive West region. While on clinical placements, students will be supervised by an appropriately trained nurse. In accordance with An Bord Altranais agus Cnáimhseachais na hÉireann regulations, the total requirements of the programme are 144 weeks clinical placement. During the clinical internship period, which is in the last semester of the fourth year running from January to September, students are paid a salary.

**What further education options will I have?**
There are a variety of continuing professional development opportunities, in particular postgraduate programmes, within the School of Nursing and Midwifery available to graduates of this programme.

**What career opportunities are there for this profession?**
Graduates of the Psychiatric Nursing degree programme will be in a position to work in a variety of settings, including:
- In-patient mental health services
- Community mental health services
- Child and adolescent services
- Voluntary organisations
- Recovery and rehabilitation services
- Mental Health services for older people
- Substance misuse treatment services
- Primary mental health care

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**COURSE OUTLINE**

**Year One – Three**
- Biological Sciences
- Social Sciences
- Nursing Skills
- Nursing Practice
- Mental Health Promotion
- Research

**Year Four**
- Semester One
- Research
- Leading & Developing Practice
- Clinical/Theory instruction
- Semester Two
- Clinical internship which runs over 36 weeks

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**What our students say**

> I was always interested in caring for people and I had a particular interest in mental health, so deciding to be a psychiatric nurse was an easy decision. I chose to study Psychiatric Nursing at NUI Galway because of the state-of-the-art new nursing building on the campus, the nursing library, which has great, up-to-date books and accommodating staff, the wonderful new computer suites in the building, and the fact that the University is close to the hospital.

Evelyn Mullers – BSc (Psychiatric)

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Find out more:

School of Nursing and Midwifery
Áras Moyola, NUI Galway

+353 91 493 432
nursing.midwifery@nuigalway.ie
www.nuigalway.ie/nursing.midwifery
Bachelor of Midwifery Science

What is the Bachelor of Midwifery Science programme about?
The Bachelor of Midwifery Science course is a four-year degree programme provided in partnership with the Health Service Executive (HSE) West. The programme consists of theoretical and clinical modules. The theoretical content aims to provide students with the knowledge necessary to underpin their professional practice. It comprises lectures, seminars, workshops, experiential learning, skills training and reading time. Clinical modules are undertaken in the practice setting. Following completion of the programme, students are eligible to apply to register as a midwife with an Bord Altranais agus Cnáimhseachais na hÉireann (the Nursing and Midwifery Board of Ireland (NMBI)).

How is the programme run?
The first three years are run within the academic year and include a combination of theory and clinical practice modules. Clinical practice modules will require students to be in clinical practice for 35 hours per week. Year four comprises clinical/theory instruction in semester one, and a 36-week internship clinical practice, which runs from January to September. During this period, the student will be an employee of the HSE West and will be paid a salary.

What work placement obligations are there?
Clinical placements are undertaken in the HSE West: in Galway University Hospital, Mayo General Hospital, Castlebar, and Portiuncula Hospital, Ballinasloe. Placements also take place in community and mental healthcare settings in the HSE West area. While on clinical placements, students will be supervised by a midwife who has been specially prepared to guide and direct student learning and act as a preceptor to the student. Students who are required to travel to distant placements may apply to the HSE West for support in meeting travel and accommodation costs.

What further education options will I have?
Students can pursue further study at masters and PhD level.

What career opportunities are there as a midwife?
There are many career opportunities for midwives in both hospital and community settings in Ireland and abroad.

COURSE OUTLINE

<table>
<thead>
<tr>
<th>Year One – Three</th>
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<td>Semester 1 ▶ Clinical and Theory Instruction</td>
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<td>• Biological Sciences</td>
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<tr>
<td>• Social Sciences</td>
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<td>• Midwifery Skills</td>
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<tr>
<td>• Health Promotion</td>
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What our students say

“I’m really enjoying my time in Galway. NUI Galway provides an open, friendly environment that supports learning. What I love about studying Midwifery in NUI Galway is the balance between lectures and clinical placement. Áras Moyola, our Nursing and Midwifery building, is modern and bright, with clinical skills labs that facilitate learning of theory and practice. Our class size is small, which means we really support each other and make great friends. The Midwifery lectures are friendly, encouraging and always willing to help.”

Elaine Finucane – Bachelor of Midwifery Science

Find out more:
School of Nursing and Midwifery
Áras Moyola, NUI Galway

+353 91 493 432
nursing.midwifery@nuigalway.ie
www.nuigalway.ie/nursing.midwifery
Graduate Insights

“Speech and Language therapy is a very rewarding and exciting career. Studying at NUI Galway was really great. The course offers a broad range of subjects, practical work and placements. The staff and facilities are fantastic, especially the on-site clinic. Since graduating, I’ve completed a Masters in Voice Pathology at University College London and taught on the SLT course, and I’m currently working as part of a multi-disciplinary team with children with autism and intellectual disabilities. I work closely with all team members to ensure delivery of the best possible intervention for the children on our caseload. The best part of my job is the satisfaction that comes with seeing the children make progress and achieve their goals. I also love how every day is different and I get to make a positive impact on people’s lives every day.”

Jenna O’Neill, Bachelor of Science, Speech and Language Therapy

“Obtaining my Bachelor of Nursing Science Degree at NUI Galway was a truly positive experience. I would highly recommend nursing in Galway to anyone considering this career. The School of Nursing and Midwifery is located in a purpose-built building with great learning facilities, and in a brilliant location just next door to University Hospital Galway, where the majority of my clinical placements were based. The staff in the School of Nursing and Midwifery offered great support and endless encouragement, which aided and promoted both my academic and professional development. I have travelled and worked in other parts of the world where my qualifications are fully recognised and highly regarded. I have since specialised and I am currently working as an oncology nurse in a specialised oncology unit having also completed a Postgraduate Diploma in Nursing (Oncology) at NUI Galway.”

Eimear Butler, Bachelor of Nursing Science (General)

“I am employed as lecturer in Medical Education and Clinical Skills at NUI Galway. I also have clinical duties in travel medicine and preventative cardiology. Studying medicine at NUI Galway gave me the confidence needed to fulfil my own potential, to have respect for others, to work in a team environment, to care for patients, to innovate, to recognise my limitations, and to strive for excellence. NUI Galway is famed for the quality of its medical graduates, many of whom have gone on to work, study and teach in the finest medical institutions worldwide. I am very proud to serve NUI Galway, its students and the wider community. This is a wonderful privilege and a responsibility I take very seriously.”

Dr Gerard Flaherty, Bachelor of Medicine, Bachelor of Surgery, and Bachelor of Obstetrics (MB, BCh, BAO)
College of Science

“A degree in Science equips you with the ability to think independently and critically, to solve problems and to adapt to situations.”

Professor Tom Sherry
Dean of the College of Science
What is the Bachelor of Science degree about?
The Bachelor of Science degree programme allows you to take a variety of subjects in the general scientific field before deciding to specialise in one scientific area for your four-year honours degree. It is the ideal choice for students who want to study Science, but are not yet ready to narrow their options to a specific topic. You can take subjects from the Physical Sciences, for example, and combine them with subjects from the Biological Sciences, the Mathematical Sciences or the Earth and Ocean Sciences. Opportunities exist to choose from the wide range of subjects offered in the college. Please note, however, that quotas apply to second year subjects in the BSc Science programme.

Why should I study the Bachelor of Science?
The Bachelor of Science will give you a solid foundation in general Science subjects during your first three years of study. These include subjects you may already have studied, like Chemistry, Physics, Biology and Mathematics, but also include Applied Mathematics, Computer Science, Biochemistry, Botany and Plant Science, Microbiology, Zoology, Pharmacology and the Earth and Ocean Sciences. With such a diverse range of scientific topics, students often find they need time to discover which specialism is for them.

How will I benefit from doing this 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.

What postgraduate options will I have?
Students who obtain either a BSc (General) or BSc (Honours) degree may apply to take a Higher Diploma in Applied Science. These diplomas are industry-orientated. Graduates with good honours degrees in appropriate subjects may be admitted to postgraduate study as MSc or PhD students. The MSc degree may be obtained by course work with a minor thesis or by research work with a major thesis.

What career prospects are there for a Bachelor of Science holder?
A degree in science provides you with the potential to develop a wide variety of skills. Students find employment in areas such as general industry, IT, government, regulatory affairs, investment banking, consulting, marketing, research, or third-level education. Some careers of past graduates include:

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

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.
Watch out for dates of our Science Summer School 2014. We will advise you of the details through local media, on the NUI Galway website and by direct contact with all schools.

**COURSE FACTS**

- **CAO Code:** GY301
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 380
- **Minimum A-Level Grades:** AAB (A-Level) or equivalent combination

**Leaving Certificate Entry Requirements:** Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes.

**A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.

- **Average Intake:** 300

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**COURSE OUTLINE**

**Year One**

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

- **Group A:** Mathematics, Applied Mathematics, Chemistry and Physics.
- **Group B:** Mathematics, Applied Mathematics, Physics and Computer Science.
- **Group C:** Biology, Chemistry, Physics and Mathematics or Applied Mathematics.
- **Group D:** Biology, Chemistry, Introduction to Earth and Ocean Sciences and Mathematics or Applied Mathematics.
- **Group E:** Chemistry, Computer Science, Physics and Mathematics or Applied Mathematics.
- **Group F:** Introduction to Earth and Ocean Sciences, Physics, Computer Science and Mathematics or Applied Mathematics.

**Year Two**

All students take three pathways or two pathways plus electives.

**Pathways**

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

**Electives:** A variety of electives are offered

**Year Three**

Most students take two pathways.

**Pathways**

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

**Electives:** A variety of electives are offered

**Year Four**

Students choose their honours degree:

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

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**What our students say**

"I just finished my fourth year of undenominated science. I was always interested in science but I wasn’t sure what course I wanted to do. After much contemplation 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. I really enjoyed my course and my time at NUI Galway. I met lots of lovely people and forged friendships that will last a lifetime. I will forever cherish my memories from my years in Galway."

Angela McDonagh – Bachelor of Science

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**Find out more:**

College of Science

- **+353 91 492 182**
- science@nuigalway.ie
- [www.nuigalway.ie/science](http://www.nuigalway.ie/science)
Pathway Descriptions & Career Opportunities
Bachelor of Science Degree

**ANATOMY**

Why should I study Anatomy?
If you are interested in the mechanics of living beings, you will find Anatomy a fascinating subject. Anatomy deals with the structure of living organisms and how this is adapted to how they function. The course covers traditional gross anatomy, cell biology, histology, neuroanatomy, embryology and anthropology, as well as modern anatomical research techniques, such as scanning, transmission electron microscopy and confocal microscopy, neuroimaging and molecular imaging.

What careers does a degree in Anatomy lead to?
A degree in Anatomy provides a basis for careers based on the biomedical sciences, along with positions in education, research laboratories and the healthcare industries.

**BIOCHEMISTRY**

Why should I study Biochemistry?
As the science of the molecular basis of life, Biochemistry involves the study of the rich variety of molecules found in all types of living cells and organisms, and observing how they operate and interact. The exciting revolution underway, with the sequencing of the human and other genomes and the development of nano-scale technologies, is allowing biochemists to study life in ever more detail, advancing our understanding of the molecular choreography underlying growth and providing new openings for applying this knowledge in the diagnosis and treatment of many diseases.

What kind of careers does a biochemist have?
Graduates in Biochemistry find jobs in the biotechnology and pharmaceutical industries, biomedical and forensics laboratories, the agribusiness sector, the nutrition and food industry and scientific policy making. Many graduates also go on to further research for Master’s and PhD degrees, or to obtain other postgraduate qualifications.

**APPLIED MATHEMATICS**

Why should I study Applied Mathematics?
Applied Mathematics uses mathematical tools and models to address real-world problems. They help to explain and describe what we know and, possibly, to predict what we don’t know about a given set of objects and/or circumstances. Applied Mathematics at NUI Galway includes courses in advanced mathematical methods, modelling, mechanics, quantum mechanics, dynamical systems, nonlinear elasticity, cosmology and general relativity, electromagnetism, fluid mechanics, numerical analysis, all geared towards inter-disciplinary applications.

What careers does a degree in Applied Mathematics lead to?
Being able to develop mathematical models and apply them in practical settings will prove extremely useful career wise. Graduates have found employment in computer software and hardware companies, in the telecommunications sector, in financial and actuarial institutions, in teaching, and in pursuing research at postgraduate level in Ireland and abroad.

**BOTANY AND PLANT SCIENCE**

Why should I study Botany and Plant Science?
The advancement of the science of plant biology is critically important for meeting the resource needs of the growing human population and for future sustainable development on our planet. Plants play a fundamental role in maintaining the planet’s oxygen supply but are also the source of the food, feed, fuel (energy), textiles, biochemicals, medicines and structural materials that our existence relies upon. Botany and Plant Science covers all areas of study involving plants and other photosynthetic organisms. Plants are studied at many levels, including ecosystems, communities, species, individuals, tissues, cells and molecules (e.g. genetics, molecular biology and biochemistry).

What careers does a degree in Botany and Plant Science offer?
A Botany and Plant Science degree positions students to avail of emerging ‘green economy’ opportunities across a range of industries and sectors, including those involved in biotechnology, genetics, biochemistry, ecology, environmental monitoring, conservation, biodiversity, bioenergy, and agriculture, as well as in education, sustainable development, regulatory affairs and government policy sectors.
**Chemistry**

**Why should I study Chemistry?**

Chemistry is a central subject in science and is useful to those who specialise in many other subjects. It provides an important part of the solutions to needs in society and can provide the knowledge for economic development, with applications in computing, nanotechnology, biotechnology, drug discovery, biology and medicine. The broadly-educated chemist can focus on core topics as well as work with biologists, physicists, clinicians and engineers. The School of Chemistry at NUI Galway has expertise in many of these areas, and the BSc in Chemistry provides the education which graduates use to pursue a variety of careers.

**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 pharmaceutical industries, forensics, local and central government, environmental services and education. Those interested in research can obtain postgraduate qualifications in Chemistry and work in academic institutions, government agencies or industry.

**Computer Science**

**Why should I study Computer Science?**

Computer Science is the study of how computers work and how to use them to solve problems. With the advances being made in computer technology, this is an exciting area to be involved in. Computer Science typically involves creating mathematical models and implementing these in software. As well as programming skills, it requires an understanding of computational techniques, approximation and numerical methods. You will begin by studying computer programming, computer hardware and software design. You will also study logic and algorithms, operating systems (Windows and Linux), networking and communications, and security and cryptography, and become familiar with commercial scientific software for symbolic and numeric computation.

**What careers does a degree in Computer Science provide?**

Many graduates work directly in the IT industry, particularly in programming, software development and communications. An increasing number are working in financial services, where their computer programming skills and problem-solving abilities are valued. They are also well-placed for careers in areas like education, banking and the public sector.

**Earth and Ocean Sciences**

**Earth and Ocean Sciences involve the study of the physical and chemical processes that affect planet Earth and its oceans, the management and conservation of resources, and the study of past and present environments. Four sub-disciplines are involved: Geology, Geophysics, Hydrogeology and Oceanography.**

**What is Geology?**

Geology is the study of the earth beneath our feet, from the surface to the centre of our planet. It underpins hazard assessment, aggregate, mineral, oil and water resource prospecting, and civil engineering applications, serving the needs of our industrial and technological society while, at the same time, building awareness of the need to protect the natural environment.

**What careers are available for Geology graduates?**

Graduates in Geology will typically find employment in the petroleum and mineral exploration industries, national geological surveys, environmental organisations, consulting companies, remote-sensing firms and third-level teaching and research.

**What is Geophysics?**

Geophysics is the application of physics to the investigation of the earth and its surrounding planets. Geophysical techniques are used in the geological, hydrological, atmospheric, ocean and space sciences. In NUI Galway, Geophysics focuses on plate tectonics and the structure and dynamics of the seabed, on environmental geophysics (how cultural and natural processes affect one another), and on the commercial exploitation of subsurface physical properties, e.g. oil, gas and mineral resources.

**What careers are available for Geophysics graduates?**

Geophysics graduates are in demand across the environmental and marine sectors, including the hydrocarbon and mineral exploration industries.

**What is Hydrogeology?**

Hydrogeology deals with the relationships between groundwater and geological materials and processes. Groundwater provides 98% of the earth’s readily available fresh water and is arguably our most important natural resource.
EARTH AND OCEAN SCIENCES  continued

Mathematics

Why should I study Mathematics?
Mathematics is the language for the logical study of the structure of our world. It has developed from counting, calculating and measurement through the use of abstraction and logical reasoning. It underpins many other disciplines, such as physics, economics and engineering, along with newer areas like molecular biology. In addition to the traditional areas of algebra, calculus and geometry, you will study courses in topology, statistics, numerical analysis, coding theory, real and complex analysis, and probability and number theory.

What careers are available for Mathematics graduates?
Studying Mathematics will give you the ability to think rationally and to process complex data clearly and accurately. Such skills will prove to be extremely useful to you and will be highly valued by your employer. Recent graduates are pursuing careers in the financial and banking sector, the actuarial profession, IT and computing, and teaching and research.

Microbiology

Why should I study Microbiology?
Microbiologists study microbes and their activities, including their growth, metabolism, genetics, diversity and evolution. Every aspect of life on Earth is affected by such organisms, and studying them provides insight into their roles in such areas as disease, food production and global environmental cycles, and their potential application for human, environmental and animal benefit.

What careers are available for microbiologists?
The food, pharmaceutical and biotechnological industries need microbiologists to develop new products and to monitor the production of existing ones. Microbiologists also devise processes for the treatment of waste and production of renewable energy. Hospitals and pharmaceutical companies offer work in diagnosis, prevention and treatment of diseases caused by microbes. Employment opportunities are also available in research and teaching.

What careers are available for Hydrogeology graduates?
Hydrogeologists gain employment in the private and public sectors in assessing and devising management plans for groundwater – from mine and quarry water management to site suitability assessment for everything from wind farms to motorways to single houses. Climate change is likely to have a big impact on water resources across the world over the coming decades and hydrogeologists will be needed to help many countries and communities adapt.

What is Oceanography?
Oceanography is the study of the oceans, which cover more than two-thirds of the Earth’s surface. New technologies provide unprecedented access to the oceans, from satellites giving global coverage of sea surfaces to networks of monitoring equipment on the seabed. Scientific exploration of the oceans underpins advances in fisheries and aquaculture techniques, biodiscovery, maritime transport, and in harnessing fossil and renewable energy resources. Oceanography is key to understanding the global climate system, and oceanographers are needed to monitor, model and mitigate marine pollution, to plan for sea-level rise, and to assess the risks posed by natural and man-made hazards in coastal areas.

What careers are available in Oceanography?
Oceanographers are needed to help survey our vast underwater territories, to help with the sustainable exploitation of our marine resources, to model our climate and to educate managers, policy makers and the public about the importance of the oceans in our lives.
PHYSIOLOGY

What is Physiology?
Physiology is the study of the functions of the body and its component tissues, cells and fluids. It explains the mechanisms of movement and their control, as well as body secretions and their roles, the action of muscle, the constituents and activities of cells, the pumping action of the heart, digestion and the absorption of foodstuffs, respiration and metabolism, the regulation and control of bodily functions, and the roles of the brain.

What careers do graduates in Physiology have?
Graduates in Physiology normally find employment in the academic and teaching professions and in the pharmaceutical and biotechnological industries.

ZOOLOGY

What is Zoology?
Zoology is the scientific study of animals at all levels, from the molecular and cellular to the organismic and ecological. It involves the study of all kinds of animals – there are more than a million known species, classified into about 35 large groups called phyla, which make up the animal kingdom. There are three important questions in Zoology that are emphasised:

First, how do animals develop from a fertilised egg through various embryonic (and in some cases larval) stages to arrive, ultimately, at their typical adult form?

Second, how does this short-term developmental process change, in the much longer term, through Darwinian evolution?

Third, how do animals interact with each other, with plants, with microbes and with their physical environment? Such ecological interactions provide the backdrop against which everything else happens, and they lead to much of the natural selection that determines the forms animals take.

What careers do Zoology graduates have?
Zoology graduates can pursue careers in research (academic and industry), teaching (at any level) or consultancy. Zoologists may also be employed by governmental bodies such as the Marine Institute, Bord Iascaigh Mhara or the Environmental Protection Agency.

PHARMACOLOGY

Why should I study Pharmacology?
Pharmacology is the study of how chemical substances, such as drugs, interact with the body to produce either beneficial or harmful effects. This course aims to provide an understanding of the challenges involved in the development of drugs to treat and prevent disease. The molecular, biochemical and physiological basis of disease and the mechanisms by which drugs act to produce their effects are studied in detail.

What careers are available in Pharmacology?
Pharmacology graduates often pursue postgraduate research or are engaged in research and development in academic, hospital or industrial settings. They are employed by companies such as Boston Scientific, Medtronic, Abbott, Oriflame and Allergan, working in a range of roles from research to drug regulation and marketing.

PHYSICS

Why should I study Physics?
Physicists seek to understand the basic laws governing the structure of matter, the nature of energy and the physical forces that form our world. If you have an enquiring mind and are interested in discovering how things work at a fundamental level, then this could be the course for you. Understanding physics can also be very useful for those who may specialise in other science subjects, as it underpins many areas of science and technology, including nanotechnology, microelectronics, imaging, communications, renewable energy and environmental monitoring. It provides the foundation for many new technologies and advances across the biological and chemical sciences, engineering, computing and medicine.

What careers are available for Physics graduates?
A degree in Physics is an excellent training for employment in high technology industries (e.g. communications, electronics, optics and photonics, semiconductors and medical devices) and also within the second- and third-level education sectors, meteorology, the environmental and medical sciences, finance and software design. A Physics degree can also lead to an exciting career in research if you specialise in an aspect of the subject or in multidisciplinary areas such as nanotechnology, medical physics, biophysics, occupational health, or materials science.

NUI Galway – College of Science
**Bachelor of Science (Biomedical Science)**

**What is Biomedical Science?**

Biomedical Science is the study of life science subjects, which underpin our understanding of how the human body works. You will learn about the body’s structure and function, 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 subjects: Anatomy, the science dealing with the form and structure of living organisms; Biochemistry, the science of the molecular basis of life; Pharmacology, the study of the effects of drugs on living organisms; or Physiology, the study of the functions of the body, and its component tissues, cells and fluids. The programme promotes small-group learning, allowing students to work in teams and interact with staff informally.

**Why should I study Biomedical Science?**

This degree is dedicated to producing top quality graduates with academic excellence in their chosen discipline. The incorporation into the programme of biomedical debates, presentations and research projects enhances the educational experience for each student and contributes to their personal growth as confident academic communicators – an invaluable life-long skill. Graduates have excellent opportunities for ongoing employment in the pharmaceutical, diagnostics, medical device and clinical trials sectors.

**What further education opportunities are there?**

A high proportion of graduates pursue higher degrees in areas such as molecular, cell and cancer biology, neuroscience, developmental biology and regenerative medicine.

**What career prospects does Biomedical Science offer?**

Galway is one five global hubs for Biomedicine and NUI Galway is Ireland’s leading university for Biomedical teaching and research. 9 of world’s top 10 Medtech companies are located in Galway which means that graduates have excellent employment prospects. Graduates are employed in healthcare, health and science management, in university or industrial laboratories, in a variety of areas in the diagnostic and pharmaceutical industry, including research and development, in clinical trials management, in regulatory affairs, in marketing, and in education.

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**Course Facts**

- **CAO Code:** GY303
- **Course Level:** 8
- **Duration:** 4 years
- **Minimum Entry Points 2012:** 540
- **Minimum A-Level Grades:** A*A*A B (A-Level) or equivalent combination
- **Leaving Certificate Entry Requirements:**
  - Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes.
- **A-Level/GCSE Entry Requirements:** See page 150 for matriculation entry requirements.
- **Average Intake:** 45

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**Course Outline**

*Year One*
- Biology
- Chemistry
- Physics
- Biomedical Science (including Introduction to Science Communication, essays and Biomedical Science Debates)

*Year Two*
- Two of the following Pathways:
  - Anatomy
  - Biochemistry
  - Pharmacology
  - Physiology
- Biomedical Science (includes Biomedical Science essays/seminars and a Community Knowledge Initiative programme; Protein Structure and Function; Molecular and Cellular Biology)

*Year Three*
- One of the following pathways:
  - Anatomy
  - Biochemistry
  - Pharmacology
  - Physiology
- Biostatistics and Bioinformatics
- Research Methods in Biomedical Science (includes experimental design, data handling and report writing skills)
- Molecular Nutrition and Functional Medicine
- Research Mini Project

*Year Four*
- One major pathway from:
  - Anatomy
  - Biochemistry
  - Pharmacology
  - Physiology
- Biomedical Science modules (including Applications of Biomedical Science, Immunology, Physical Anthropology, Modern Biotechnologies, Advanced Technologies for Therapeutics)
- In fourth year, you will work on a laboratory research project in your chosen pathway under the direction of experienced researchers

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**What our students say**

“I’ve had a great experience studying Biomedical Science. The small class size is great as it allows you to get to know everyone within the first few days. First year is very general and gave me a strong base to continue my studies in more specialised subjects later. The general subjects covered gave me an advantage in picking what I was interested in before I had to make the commitment. My advice to anyone thinking about choosing this course is to be ready to try some interesting topics that will challenge you!”

Paul McTigue – BSc Biomedical Science
Bachelor of Science (Biotechnology)

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

Biotechnology has a long history in food and agriculture, using yeast to make beer and selective breeding of better crops. Technologies such as genetic engineering and genomics allow today's biotechnologists to harness our rapidly growing knowledge of biology to innovate in areas such as biopharmaceuticals, the food industry and the environment.

Why should I study the BSc Biotechnology programme?
The Biotechnology programme focuses on giving students skills and knowledge for the many opportunities of biotechnology. Alongside a solid foundation of modern biology, there is close mentoring and tailored training in languages, business and communication skills. Languages done by all students provide a unique and distinctive feature. Students complete individual projects at NUI Galway’s highly active research laboratories, and have placement opportunities.

What placement options are there?
A unique highlight of the course is the opportunity to undertake a three-month laboratory placement as part of third year – generally in continental Europe – where students work on relevant projects under the direction of experienced researchers.

What postgraduate opportunities does this course offer?
Graduates frequently pursue advanced training and research in PhD, Masters and Graduate Diploma programmes at universities in Ireland and abroad, spanning areas as diverse as molecular biology, biomedical sciences, environmental science and teaching.

What are the career prospects?
Biotechnologists find employment in rewarding jobs across the growing ‘smart economy’, including industries such as biopharmaceuticals, diagnostics, healthcare, and the environment. Employment opportunities are also available in research and teaching. Graduates are equipped with a wide range of capabilities and practical experience, including business and language skills, which complement their knowledge of biology. This also allows them to move into areas such as management and marketing, where the biotech revolution continues to open doors.

COURSE OUTLINE

Year One
- Biology
- Chemistry
- Biotechnology concepts and skills
- Statistics and probability
- Language (French or German)

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

Year Three continued
- Protein biochemistry
- Microbiology
  - Food and industrial microbiology
  - Immunology and recombinant techniques
  - Microbial metabolic and molecular systems
- Placement option
- Placement project
- On-campus option
- Pharmacology concepts
- Agribiosciences for sustainable global development
- Human molecular genetics
- Elective module from Biochemistry or Microbiology
- Language (French or German)

Year Four
- Individual laboratory research project
- Topical scientific literature review
- Biochemistry
  - Biomolecules
  - Molecular and cellular biology
  - Modern biotechnologies
  - Principles and experimental design
- Microbiology
  - Bioprocessing and recombinant proteins
  - Introduction to Business

What our students say
“Class sizes in Biotech are small which means we get to know each other quickly and interact with our lecturers. The subject variety gives us broad experience, and the language module helps us stand out from other science graduates.”

Louise Ward – BSc (Biotechnology)

Find out more:
College of Science

+353 91 495 482
biotechnology@nuigalway.ie
www.nuigalway.ie/biotechnology
Bachelor of Science (Environmental Science)

What is Environmental Science?
Environmental Science is an interdisciplinary study which examines the interaction between humans and the environment, with specific reference to the effects of modern technological advances.

Why should I study Environmental Science?
Today 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. The course provides a thorough grounding in the basic sciences in the first years followed by the application of this knowledge to current environmental problems in the later years. While studying a broad range of subjects, students are also given the opportunity to specialise in topics of their choice.

How will I benefit from studying this programme?
Understanding our environment has never been more important, and the need for environmental scientists is growing. As an Environmental Scientist, you will have a skills set that will be in demand in a variety of contexts for the foreseeable future.

What opportunities are there for further education?
Postgraduate research opportunities in the field of Environmental Science leading to MSc and PhD degrees are available within the college. Research areas currently include the fields of agri-environmental research, biodiversity, biological control, habitat management, protected species conservation and wetland studies.

What career prospects does Environmental Science offer?
Graduates of the programme have worked with such government bodies as the Environmental Protection Agency, Geological Survey of Ireland, the National Parks and Wildlife Service, Teagasc, the Regional Fisheries Boards, the National Biodiversity Records Centre and Waterways Ireland, as well as for local authorities, as environmental consultants, and for agri-environmental planning agencies. Opportunities also exist in the private and research sectors.
Bachelor of Science (Financial Mathematics and Economics)

What is the BSc in Financial Mathematics and Economics programme about?

The BSc in Financial Mathematics and Economics (BSc in FME) is a four-year degree programme, consisting of courses in mathematics, economics, statistics/probability, applied mathematics, accounting and business finance, and computer science. The programme’s aim is to equip students with expertise in quantitative subjects, with a particular focus on financial economics, actuarial mathematics and statistics. There is a high demand from financial institutions for well-qualified students with quantitative skills, and in an expanding market, highly numerate professionals are being sought, particularly in the areas of insurance, investment and finance. Typically in such employment, you would be predicting the long-term financial consequences of current and past decisions, taking account of various risk factors, and designing solutions to problems that involve financial risk or uncertainty.

Why should I study this programme?

The degree should appeal to people who enjoy mathematics and are interested in studying economics and other subjects in the financial area. (Please note that you do not have to study Economics for the Leaving Certificate to be admitted to this course.) This degree has an advantage over other programmes, including specialised actuarial programmes, as it is broad and suits students not yet ready to specialise. 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.

What special features does this programme have?

Since September 2005, the Institute and Faculty of Actuaries has recognised this programme for the purposes of obtaining exemptions in these professional actuarial subjects: CT1 Financial Mathematics, CT3 Probability and Mathematical Statistics and CT7 Business Economics. If you undertake a Masters or Higher Diploma in Actuarial Science, you may receive further exemptions from the CT level of actuarial exams. We may seek further exemptions in the future.

What opportunities for further education exist?

Honours graduates can pursue higher degrees in a range of related disciplines, including mathematics, actuarial science, financial economics, financial mathematics, applied mathematics, statistics and economics. Graduates have been accepted on to leading postgraduate programmes in Ireland and in prestigious universities overseas, including the University of Cambridge, Warwick University and the University of California, Berkeley, USA. Graduates can choose to become trainee actuaries and finish the professional exams while working or complete a Masters or Higher Diploma programme in Actuarial Science before starting as a trainee actuary. To become a qualified actuary, you must satisfy the professional education and work experience requirements of the Institute and Faculty of Actuaries, based in the UK. The Society of Actuaries in Ireland is responsible for the professional conduct of actuaries in Ireland but is not an examining body.

What career prospects does this programme offer?

There are excellent employment opportunities for graduates. 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. The employment prospects from this degree programme are excellent, with challenging and financially rewarding opportunities in many different areas. These include:

- **Financial services** – opportunities for graduates exist across the financial services sector, in investment, corporate and private banking, in currency trading, in credit risk and in management of hedge funds. Some of the world’s leading financial firms have hired our graduates, including Goldman Sachs, JP Morgan, Merrill Lynch and Credit Suisse.

- **Actuarial profession** – graduates can embark on a career as an actuary, working primarily in pensions, life insurance and investments. About a quarter of our graduates in recent years have gone on to complete postgraduate actuarial studies, and some graduates have gone directly to positions as trainee actuaries.

- **Other areas** – opportunities for our graduates exist in government departments and other public sector bodies, where they play key roles on issues affecting the national economy. In recent years, graduates have been hired by the Department of Finance, the Central Bank of Ireland, the Bank of England and the National Treasury Management Agency (NTMA). Moreover, because of their strong numeracy skills, graduates have also secured employment in a wide variety of different areas, for example, as economists, in accountancy, tax and law, in management consultancy and even as a sports odds compiler.
Bachelor of Science (Financial Mathematics and Economics) continued

**COURSE OUTLINE**

**Year One**
- Mathematics
- Computer Science
- Economics
- Mathematics of Finance
- Statistics and Probability
- Mathematical Methods I
- Financial Management

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

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

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

This programme is an inter-college programme of the College of Science and the College of Business, Public Policy and Law. Applicants may apply to either college, according to which set of entry requirements is most advantageous.

Find out more:
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Programme Director,
College of Science

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www.nuigalway.ie/science

**What our students say**

“I chose this degree primarily based on my aptitude for mathematics but felt the broad spectrum of modules offered kept my options open. The degree provides a deep mathematical knowledge, as well as computer programming and problem-solving skills that prepared me well to pursue a variety of job opportunities. Furthermore, 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. After acquiring the Core Technical exemptions provided, I decided to concentrate on actuarial roles. I started employment as a trainee actuary with New Ireland Assurance in August.”

Maria Gormally – BSc (Financial Mathematics and Economics)
Bachelor of Science (Marine Science)

What is Marine Science?
Marine Science encompasses the study of marine life and environments, how they are formed and change over time, and how they are affected by human activity.

Topics covered in this programme include marine biology, earth science, chemistry and experimental physics, mathematics, statistics, oceanography, meteorology, botany, geology and microbiology.

How will I benefit from studying Marine Science?
The degree in Marine Science is a four-year degree leading to a BSc (Hons). At the end of the degree, you will have improved your knowledge about the marine environment and will have developed your thinking and practical and personal skills, enabling you to undergo further academic training in a wide variety of scientific disciplines or begin your career.

Marine Science is a broad area and the programme aims to help you find what specialty you prefer to study by introducing the subject in a general way at first and allowing you to follow your particular interests later on.

What other advantages does this programme offer?
Situated on the western seaboard, Galway has a deep and enduring relationship with the sea. NUI Galway is the only Irish University offering this degree programme and it now has the highest concentration of marine scientists of any institution in Ireland. NUI Galway’s marine research is focused on the fundamental understanding of marine organisms and ecosystems. Researchers also work in close co-operation with industry and state agencies. The 3,000 square-metre Ryan Institute is a focus for teaching and research activity in Marine Sciences at the University. The Ryan Institute’s aquaculture facility carries out applied research at Carna, Co. Galway. The government’s Marine Institute is also nearby, at Oranmore in Co. Galway.

What further education opportunities are available?
Honours BSc (Marine Science) graduates can pursue higher degrees in a wide range of related disciplines.

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

COURSE OUTLINE

<table>
<thead>
<tr>
<th>Year One</th>
<th>Year Three</th>
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<tbody>
<tr>
<td>▶ Biology</td>
<td>▶ Applied Aquatic Plant Science</td>
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<tr>
<td>▶ Introduction to Earth and Ocean Sciences</td>
<td>▶ Ocean Dynamics</td>
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<tr>
<td>▶ Chemistry/Physics</td>
<td>▶ Aquatic Geochemistry</td>
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<td>▶ Plus one of the following:</td>
<td>▶ Marine Microbiology</td>
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<td>▶ Mathematics</td>
<td>▶ Geographic Information Systems and</td>
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<tr>
<td>▶ Applied Mathematics</td>
<td>▶ Biostatistics</td>
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<tr>
<td>▶ Fundamentals in Aquatic Plant Science</td>
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<td>▶ Properties of the Ocean</td>
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<td>▶ Ocean Processes</td>
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<td>▶ Microbes and the Environment</td>
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<td>▶ Invertebrate Biology</td>
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<td>▶ Vertebrate Zoology</td>
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<td>▶ Plus at least two of the following:</td>
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<tr>
<td>▶ Molecular and cellular biology</td>
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<td>▶ Evolution and the tree of life</td>
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<td>▶ Laboratory skills in Microbiology</td>
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<tr>
<td>▶ Plus electives</td>
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<tr>
<td>▶ Concepts in Population and Community Ecology</td>
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<td>▶ Pluses</td>
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<td>▶ Marine Zoology</td>
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<td>▶ Pluses</td>
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What our students say

“I chose to study marine science at NUI Galway as I have always had an interest in science and nature. 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. Specialising in zoology, my final year project utilised all these skills, honing my interests in fields such as aquaculture, conservation and animal behaviours. I now hope to continue my learning focusing on aquaculture and animal behaviour while travelling the world in the process.”

Liam Fulbrook – BSc (Marine Science)

COURSE FACTS

CAO Code: GY310
Course Level: 8
Duration: 4 years
Minimum Entry Points 2012: 400
Minimum A-Level Grades: AAA (A-Level) or equivalent combination

Leaving Certificate Entry Requirements: Minimum Grade HC3 in two subjects and passes in four other subjects at H or O level in the Leaving Certificate, including Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes.

A-Level/GCSE Entry Requirements: See page 150 for matriculation entry requirements.

Average Intake: 33

NUI Galway’s Patrick Collins, of the University’s Ryan Institute, alongside the national research vessel RV Celtic Explorer.

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w
Bachelor of Science (Health and Safety Systems)

**What is the BSc in Health and Safety Systems about?**
The BSc (Health and Safety Systems) is a workplace-oriented, multidisciplinary programme, where students receive tuition in subjects such as ergonomics, health promotion, physics, law, chemistry, anatomy, management and mathematics. The programme provides students with the knowledge and tools to have a rewarding career in ensuring the welfare and wellbeing of people at work by improving their work environment. Students will learn about the basic sciences, health sciences, human sciences, technology and regulatory affairs.

**What placement opportunities does this course provide?**
Students undertake a five-month (April-August), off-campus work placement following completion of their third year of study. During this time, they work alongside a health and safety professional and, are given real day-to-day responsibilities for aspects of the host organisation’s safety-related activities. 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.

**What career prospects are offered by doing Health and Safety Systems?**
Typically graduates will seek opportunities to further their expertise in the construction, manufacturing, occupational health, public and business sectors. Career opportunities are to be found by working as a Safety Manager, an Occupational Hygienist, a Safety Consultant, a Health and Safety Officer, a Health Promotion Officer or as an Ergonomist.

**What further education opportunities will I have?**
Honours graduates can pursue higher degrees in a range of related disciplines and applied research institutes and universities.

**COURSE OUTLINE**

### Year One
- Biology
- Mathematics
- Chemistry/Physics
- Communications and Computing
- Introduction to Safety & Risk
- Introduction to Health & Safety Law

### Year Two
- Human Gross Anatomy
- Human and Safety Physiology
- Introduction to Statistical Inference
- Health and Safety Law
- Physics of the Environment
- Analytical and Environmental Chemistry
- Microbes and the Environment
- Operations Systems and Safety Technology
- Health and Safety Practice

### Year Three
- Occupational Health
- Occupational Hygiene
- Research Methods for Occupational Health & Safety
- Legal Studies
- Safety Systems Design
- Ergonomic Design of the Workplace
- Quality Systems
- Professional Experience Programme (PEP)

### Year Four
- Information Systems Ergonomics
- Project Management
- Health and the Work Environment
- Human and Systems Reliability
- Regulatory Affairs and Case Studies
- Health and Safety Project

**What our students say**

> I chose Health and Safety as I enjoy working both in the office and outdoors. I am happy with my role as it is now a necessity in every workplace. It applies to all types of business, which gives me the option to change the type of work I do in the future. Also, as health and safety practice is growing, if I wish to travel I will be able to secure employment in other countries.

Laura Gibbon – BSc (Health and Safety Systems)
Bachelor of Science (Earth and Ocean Sciences)

What is Earth and Ocean Sciences?
It is the study of the physical and chemical processes that made and continue to modify the Earth and its oceans. EOS’s four integrated sub-disciplines of geology, geophysics, hydrogeology and oceanography, are focused on better understanding how the Earth works, and how its different components interact, from the upper atmosphere to the deep seafloor.

Why should I study this course?
Earth and Ocean Science graduates are in demand in the private and public sectors, in non-governmental agencies and groups and in research centres. Our graduates are trained to work at the interface of the human and natural worlds, from sourcing raw materials and energy to regulating and monitoring industries, in Ireland and globally. An Earth and Ocean Sciences degree exposes graduates to a global career market. You will study some of the most exciting areas in the natural sciences while being able to see at first hand their practical relevance in the world around you.

How will I benefit from doing this course?
You will develop an awareness of the issues around the protection and sustainable exploitation of our natural environment. You will understand where the energy and raw materials that we depend on for every aspect of our daily lives come from. You will also specialise and become expert in subjects that are pushing at the boundaries of scientific knowledge.

What postgraduate opportunities does this course offer?
Sophisticated tools and techniques now exist that give unprecedented access to our natural environment, providing new opportunities for both research and commercial activity, not only on Earth but, in the longer term, off-planet. Because the Earth and Ocean Sciences are so cutting edge, there is continual demand for more postgraduate research in both universities and industry.

What career prospects does it offer?
Graduates can pursue a range of career opportunities in diverse industries, including energy, raw materials, conservation and education. Personnel are needed in Ireland and abroad to manage both the marine and terrestrial environments. See www.earthworks-jobs.com to get an idea of the enormous range of opportunities for Earth and Ocean Scientists.

Course Outline

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

Year Two
- Ancient Earth Environments
- Introduction to Palaeontology & Evolution
- Crystallography and Mineralogy
- Optical Microscopy of Minerals and Rocks
- Properties of the Ocean
- Ocean Processes
- Plus one pathway from the following:
  - Applied Mathematics
  - Botany and Plant Science
  - Chemistry
  - Mathematical Studies
  - Mathematics
  - Microbiology
  - Physics and Applied Physics
  - Zoology
- Plus electives from a range of Science modules

Year Three
- Field Skills Training
- Introduction to Geological Maps
- Advanced Mapping
- Plus one of the following module streams:
  - Stream A
    - Ocean Dynamics
    - Aquatic Geochemistry
    - Introduction to Applied Field Hydrology
    - Applied and Environmental Geophysics
  - Stream B
    - Igneous Petrology
    - Metamorphic Petrology
    - Sediments and the Sedimentary Record
    - Applied Palaeobiology
- Plus electives from the alternate stream and/or a range of Science modules.

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

Find out more:
Professor Peter Croot
Programme Director
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peter.croot@nuigalway.ie
www.nuigalway.ie/eos or www.nuigalway.ie/science

What our students say

“...I chose to study this course at NUI Galway because of the diverse career opportunities it provides. 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.”

Donal Duffy – BSc (Earth and Ocean Sciences)
Bachelor of Science (Biopharmaceutical Chemistry)

What is Biopharmaceutical Chemistry?
Biopharmaceutical Chemistry is the study of biomolecules (such as DNA, proteins and carbohydrates) and their applications as therapeutic medicine. Numerous diseases and medical conditions are caused by the improper function or the absence of a particular biomolecule. For example, some forms of diabetes result from a lack of insulin. The role of the biopharmaceutical chemist is to design and synthesise molecules that can substitute for the missing protein. The replacement molecule is often a modified protein, prepared using chemical and biotechnological methods.

How will I benefit from studying this subject?
Biopharmaceutical Chemistry is a multidisciplinary subject combining specific areas of chemistry and biology. The Biopharmaceutical Chemistry course involves lectures, tutorials and laboratory practical classes, and has a relatively small intake of students.

What further education options will I have?
In addition to careers in industry, honours graduates will be qualified to pursue higher degrees (e.g. PhD research) in a wide range of related disciplines.

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

Find out more:
Dr Peter Crowley
School of Chemistry
College of Science

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www.nuigalway.ie/chemistry

What our students say
I’ve always found chemistry enjoyable, and I chose to continue on studying it. Biopharmaceutical Chemistry is a new and exciting course. Whether you prefer the more academic side of chemistry or the thrilling practical side of it, Biopharmaceutical Chemistry has it all and with many job prospects in the future too! If you choose to come and study this, you will also experience the great life that NUI Galway has to offer its students.

Samantha White – BSc (Biopharmaceutical Chemistry)
Bachelor of Science (Mathematical Science)

What is the BSc in Mathematical Science programme about?
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.

What further education opportunities will I have?
Graduates have a broad range of options for postgraduate work available to them. Opportunities include MSc or PhD programmes at NUI Galway and further afield in all areas of the Mathematical Sciences. Interdisciplinary research options are also available.

**COURSE OUTLINE**

**Year One**
- Applied Mathematics
- Mathematics (also available through the medium of Irish)
- Probability and Statistics
- Introduction to Programming
- One of: Biology, Chemistry, Earth and Ocean Sciences, Physics

**Year Two**
Curriculum core consists of components from the following modules/pathways:
- Linear Algebra
- Discrete Mathematics
- Analysis
- Probability
- Statistical Inference
- Mechanics
- Mathematical Methods

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

**Year Three and Four**
- Selection of specialized modules from chosen areas of the Mathematical Sciences
- Choices are flexible and possibilities include:
  - Metric Spaces
  - Topology
  - Groups
  - Measure Theory

**Year Three and Four continued**
- Functional Analysis
- Rings
- Field Theory
- Numerical Analysis
- Applied Regression Models
- Statistical Modelling
- Stochastic Processes
- Time Series Analysis
- Introduction to Bayesian Modelling
- Probability Theory and Applications
- Annuities & Life Assurance
- Actuarial Mathematics
- Life Contingencies
- Bioinformatics
- Non-Linear Systems
- Non-Linear Elasticity
- Quantum Mechanics
- Partial Differential Equations
- Electromagnetism
- Fluid Mechanics
- Modelling
- Cosmology and General Relativity
- Cryptography
- Mathematical & Logical aspects of Computing
- Networking
- Scientific Computing
- Object-Oriented Programming
- Advanced Programming
- Artificial Intelligence
- Neural Network
- Graphics and Image Processing
- Human Computer Interaction
- Final year project

**Course Facts**
- CAO Code: GY319
- Course Level: 8
- Duration: 4 years
- Minimum Entry Points 2012: 485
- Minimum A-Level Grades: A*A*A (A-Level) & c (AS) or equivalent combination, Grade C in A-Level Mathematics or Grade A at O-Level
- Leaving Certificate Entry Requirements: Minimum Grade HC3 in two subjects and passes in four other subjects at H or O Level in the Leaving Certificate including Mathematics – a minimum of HC3 or OA2, Irish, English, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes.
- Average Intake: 15

Find out more:
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mary.kelly@nuigalway.ie
www.maths.nuigalway.ie

What our students say

“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
What is Physics?
Physics is the fundamental science. It seeks to understand the basic laws governing the structure of matter, the nature of energy and the physical forces that form our world. Its span of interest ranges from the nature of the short-range forces which operate inside the atomic nucleus to the origin and structure of the universe.

Applied Physics is the study of physics with particular emphasis on technological and practical applications. Astrophysics is the part of astronomy that deals with the physics of the universe, including that of stars, black holes and galaxies. Biomedical Physics is the application of physics to the medical and biological sciences. Theoretical Physics is the application of mathematical tools and models to explain and predict physical phenomena.

Why should I study this programme?
If you have an enquiring mind, and are interested in discovering how things work, then this could be the course for you. The direct entry to this Physics degree ensures that you study a core Physics programme along with an exciting range of specialist options. You will be introduced to these options at the very start of the programme. Students do a common first year, and then specialize in one of the four pathways for the remainder of the degree.

How will I benefit from studying Physics?
You will gain an insight into one of the most exciting and interesting areas of scientific inquiry. You will have the opportunity to study specialist options and gain valuable numerical, computational and problem-solving skills.

What further education opportunities are there?
Honours graduates can pursue higher degrees in Physics or, depending on the specialisms selected, in a wide range of areas such as Applied Physics, Astrophysics, Energy/Environmental Studies, Medical and Biomedical Physics, Meteorology, and Theoretical Physics.

What career prospects does a degree in Physics offer?
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 second- and third-level education, meteorology, the environmental and medical sciences, and software design.

A Physics degree can also 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.

Course Outline

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<tr>
<th>Year One</th>
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<tbody>
<tr>
<td>• Physics</td>
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<tr>
<td>• Physics Specialist Topics</td>
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<tr>
<td>• Applied Mathematics or Biology</td>
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<td>• Mathematics</td>
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<tr>
<th>Year Two</th>
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<tr>
<td>• Physics (four modules)</td>
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<tr>
<td>• Plus eight additional modules chosen from an approved list in the following areas:</td>
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<tr>
<td>• Applied Mathematics</td>
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<td>• Astrophysics</td>
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<td>• Anatomy</td>
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<td>• Mathematics</td>
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<table>
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<th>Year Three</th>
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<tr>
<td>• Physics (six modules)</td>
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<tr>
<td>• Plus six additional modules chosen from an approved list in the following areas:</td>
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<tr>
<td>• Applied Physics</td>
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<td>• Astrophysics</td>
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<tr>
<td>• Biomedical Physics</td>
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<td>• Theoretical Physics</td>
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<tr>
<td>• Other modules available in the College of Science</td>
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<tr>
<th>Year Four</th>
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<tr>
<td>• Core Physics modules</td>
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<td>• Specialist Physics courses (Applied, Astrophysics, Biomedical, Theoretical Physics)</td>
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<tr>
<td>• Plus advanced laboratory, project work and problem solving</td>
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</table>

Find out more:
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+353 91 492 490
gary.gillanders@nuigalway.ie
www.nuigalway.ie/physics

What our students say
This degree gave me a great grounding in the fundamentals of physics, while at the same time I got to explore all the cutting edge areas of modern astrophysics right from the start. The research trip to a professional observatory was amazing too – we really got to see how astronomical science is performed. I highly recommend it.

Susan Collins – BSc (Physics with Astrophysics)
Graduate Insights

“I have always been interested in the natural world and in particular the marine environment, so when completing my CAO choice, Marine Science in NUI Galway was an obvious choice.

Initially the course subjects were quite general providing a broad knowledge of marine science, and narrowing down as the years continued culminating in my final year project. This provided me with invaluable practical experience to complement my theoretical knowledge.

During my undergraduate degree I joined the University Sub-Aqua club. This allowed me to develop my diving skills which I was able to utilise during my final year project, in addition to meeting like-minded people and making lifelong friendships.

I am now continuing my studies with a PhD in the Ryan Institute. The skills, knowledge and contacts that I have gained during my degree have equipped me to advance in the field of Marine Science.”

Aimee Walls, BSc in Marine Science

“I am working as a Project Geologist in SLR Consulting in Dublin. I studied Earth and Ocean Sciences at NUI Galway and it was my ideal course. First we were introduced to the basic – but necessary ideas of physics, chemistry, and biology. We then progressed to all things belonging to the natural world. We studied the secrets of the ocean floor and watched footage from the R/V Celtic Explorer and lived aboard a five day research cruise in Galway Bay, courtesy of the Marine Institute and the R/V Celtic Voyager. We studied the history associated with natural disasters to the mechanics of earthquakes, volcanoes and freak and tidal waves.

Everyday you can look forward to enjoying a range of subjects: oceanography, geology, climate science and the history of evolution. The best days were spent outside, and field trips meant making some of the best friends I have today.”

Charlie Carlisle, BSc in Earth and Ocean Sciences

“Studying physics at NUI Galway has enabled me to learn this core science subject, as well as great transferable, problem-solving skills. Physics has applications in many areas. I decided to study physics in the field of medicine, in particular the treatment of cancer patients with radiation therapy. Postgraduate studies in Medical Physics at NUI Galway have also enabled me to study at one of the best cancer centres in the United States. Recently I have been offered a postdoctoral position at the Institute of Cancer Research in London, one of the world’s foremost independent cancer research organisations.”

Tuathan O’Shea, BSc in Physics & Applied Physics, MSc in Medical Physics, PhD in Medical 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.
Moving away from home is a very big step. Finding the right place to live is crucial to a happy and successful university experience.

To help make this move easier for you, we are here to offer support and advice on making the right choice. You can call to our office, telephone us or check our website.

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

- Student residences
- Lodgings/digs
- Self-catering

Lodgings and digs

Lodgings are a very good option for many students, especially in your first year when you need time to adjust to university life. This type of accommodation includes single or shared rooms and provided meals. It can give you that extra support in a warm family atmosphere while you find your feet and adapt to university life.

The list of lodgings in Galway is available under ‘Lodgings/Digs’ at www.nuigalway.ie/accommodation, or from the Accommodation Office.

NUI Galway campus residence – Corrib Village

Corrib Village is the only on-campus student accommodation at NUI Galway. Located in the north campus and less than a five-minute walk to lectures, it is an ideal option for undergraduate, postgraduate and international students. Corrib Village provides self-catering accommodation for up to 760 students housed across 176 apartments, with room for four or five students. This campus residence has a wonderful community atmosphere, with a busy schedule of free social events each semester for students to enjoy.

Find out more:
www.corribvillage.com

Other student residences

There are nine student residences nearby providing self-catering housing specifically for NUI Galway students. Each student residence is managed independently of the University and is located relatively close to the campus. Application forms are available directly from the individual residences. Contact details are available at www.nuigalway.ie/accommodation. Click on ‘Student Residences’.

These self-catering residences include:

Dúnáras

Located on Bishop O’Donnell Road, Dúnáras is approximately 25 minutes’ walking distance from the campus. It consists of 112 two-bedroom and three-bedroom, self-catering apartments, providing accommodation for 409 students.

Gort na Coiribe

Located on the Headford Road, Gort na Coiribe offers 144 self-catering apartments and houses, with between three and six students to each apartment/house. The complex provides for 657 students and is less than 15 minutes’ walking distance from the campus.

Cúirt na Coiribe

Located on the Headford Road, Cúirt na Coiribe is less than 15 minutes’ walk from the campus and offers places for 389 students in a variety of self-catering apartments. All rooms are single standard or single en suite.
Amhra House
Located on Prospect Hill in the city centre, Amhra House is approximately 10 minutes’ walking distance from the campus. Accommodation is available for 86 students, consisting of 25 two-bedroom and two three-bedroom, self-catering apartments.

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

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

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.

Ros Geal University Residence
Ros Geal is located on University Road, across the road from the main university entrance. It offers single and shared rooms for female students. Full board is provided with meals included. Good study facilities are also available.

Gort Ard University Residence
Gort Ard is located in Rockbarton in Salthill. It offers single and shared rooms for male students. Full board is included, with meals provided. Good study facilities are available.

Private sector accommodation
This accommodation consists of flats, houses and apartments run by the private rented sector. As it can vary from house to house, we always advise you to see this accommodation for yourself before making a booking to ensure you are happy with your choice. A deposit (usually one month's rent plus one extra month's rent) must be paid in advance. Charges such as electricity, refuse and TV must be paid separately as the bills arrive.

You should always be careful about signing leases and keeping contracts – even verbal contracts, which can also be binding. We urge you to please read carefully our ‘Student Guide to Renting’, which is also accessible on our web page. This type of housing particularly suits those students who have already met and know other flatmates willing to share the house/apartment.

This housing list is available on our website. Rent Books are also available free from the Accommodation Office and from the offices of the Students’ Union.

How much will it cost?
Costs vary significantly depending on the type of accommodation you choose. Student residences cost an average of €110 per week for a single room, including bills. Single rooms in private rented accommodation can range from €75 to €100, excluding bills. Digs can cost up to €160 for seven days, including bills and meals.
Support Services

At NUI Galway, we understand that there may be times when you need advice, support or a listening ear, and we have a network of services available to cater for your needs.

Student Health Unit
Good health and following a healthy lifestyle contribute to success at and enjoyment of university. Services of the Student Health Unit include a general medical service, a psychiatric service and physiotherapy clinics. Please note that doctor surgery hours are restricted outside of term time and that there are charges for certain services, including the out-of-hours emergency service.

Student Health Promotion Service
We provide guidance and information to support people in taking control of their health while also working to create a healthier campus environment. Topics include relationships, safer sex, weight management, healthy eating, alcohol and other drugs, smoking, stress reduction, time management, physical activity, pregnancy and parenthood. Drop in to the Wellness Centre in the Hub, Áras na Mac Léinn, to browse our books and information or to take a break in the Relaxation Room. Online information includes e-PUB, for personalised feedback on alcohol use, and Pro-Youth, which promotes positive body image and healthy eating habits. Programmes on offer include the Mind, Body & Soul workshops, smoking cessation groups and wellness assessments, and Exam De-stress and Health Connect volunteers are available.

Deans of Chaplaincy Services
The Deans of Chaplaincy Services (the Chaplains) emphasise and give expression to the University’s commitment to developing the whole person. They give particular emphasis to the spiritual dimension of each student and member of staff. Chaplaincy services are confidential and respectful, and are available free to all. The Chaplains also support and assist students who encounter social, financial, emotional, relationship, family, academic or personal issues or anxieties during their time in NUI Galway. They provide active pastoral care and spiritual leadership for the University community on occasions of particular delight or difficulty, and they facilitate a variety of liturgies and activities in the College Chapel that seek to encourage prayer, reflection, quietness, maturity, self-reliance and personal responsibility.

Counselling
University is a big step, with many potential rewards to be enjoyed. However, there can also be challenges, and it can be very stressful at times.

You may be experiencing personal difficulties which are affecting your studies. These can also affect your ability to take full advantage of the opportunities available to you at NUI Galway.

This is where we can help. We are a team of qualified and experienced counsellors, psychologists and psychotherapists.

The service operates within the Code of Ethics and Practice agreed by the Irish Association of University and College Counsellors.

We offer:
- Individual counselling
- Drug and alcohol counselling
- Personal development workshops
- Information and referral
- A consultation service for those who may have concerns about a student – such as
The service is confidential and it is free of charge.

**Childcare**

The University provides support for students with children. NUI Galway provides a crèche service, and Student Services also provide a list of community-based childcare services. Group meetings are held during term time to address issues unique to student parents.

- The Wellness Centre (at the back of the Hub) has books and information about pregnancy, childbirth, breastfeeding, and other parenting issues (as well as a range of health and wellbeing topics).
- We are available for one-to-one help and support.
- Breastfeeding mothers are welcome to use the ‘Relaxation Room’ to express breast milk, or for a quiet place to bring baby.
- Full-time students can apply to the Financial Aid Fund for financial assistance with childcare costs.

**Disability Support Service**

The Disability Support Service provides support to students who have a disability or specific learning difficulty, such as:

- Asperger’s Syndrome/autism
- ADD/ADHD
- Blind/visual impaired
- Deaf/hearing impaired
- DCD – dyspraxia/dysgraphia
- Mental health conditions
- Neurological conditions
- Significant ongoing medical conditions
- Physical disabilities
- Specific learning difficulties (including dyslexia and dyscalculia)

If you have one or more of the above disabilities and require particular supports, it is important that NUI Galway has notification of this requirement in advance of admission to college. Disclosure of a disability/specific learning difficulty will not adversely affect your application in any way.

The Disability Support Service is staffed by experienced professional staff, with knowledge and expertise in access and equity issues. The DSS works closely with academic staff, tutors and other support services to meet the support requirements of students with a disability.

NUI Galway accepts applications under the DARE (Disability Access Route to Education) scheme. To avail of this option, you must apply through the Central Applications Office (CAO) and complete the DARE application forms.

**Placement Office**

In the Placement Office, we interact with business and industry to facilitate undergraduate students undertaking the Professional Experience Programme (PEP). These programmes offer students an opportunity to avail of work experience relevant to their programme of study. PEP begins prior to the final year of study and is of five months’ duration (April to August). This work-based training programme gives you, as a participating student, practical experience of the modern workplace and greatly enhances your job prospects after graduation. The majority of students are placed within Irish companies and enterprises. However, overseas placements are also available. The College of Engineering and Informatics incorporates PEP in all of its undergraduate programmes of study. Students taking the following degree programmes may also avail of the Professional Experience Programme (PEP):

- Biotechnology
- Biopharmaceutical Chemistry
- Health and Safety Systems
- Business Information Systems

The Placement Office provides you with a wide range of support services including:

- Tips on CV writing and interview techniques
- Securing relevant work experience for students
- Contacting potential employers
- Facilitating interviews for students and providing feedback on interview performance
- Keeping in contact with students while on work placement

**FLAC (Free Legal Aid Centre)**

FLAC offers free legal information clinics on a weekly basis for students who have legal queries of any kind. The weekly clinics run on Tuesday evenings in Áras na Mac Léinn from 6pm to 7.30pm. All information exchanged is strictly confidential and qualified solicitors are present at each clinic.

The information above is subject to change. Check the calendar on www.socs.nuigalway.ie for updates.
Your Money

Managing your finances is a big part of university life. This may be your first time living away from home and it is important that you take into consideration course fees and day-to-day living costs when planning for university.

This section is intended to give you a guide to living costs, fees, grants and sources of financial support that are available to you during your time at university.

Fees are broadly categorised as EU or Non-EU, Full-Time or Part-Time, and Undergraduate or Postgraduate.

EU undergraduate fees are paid by EU nationals (EU birth certificate or passport) and have 3 elements, which are outlined as follows:

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

2) Student contribution charge – €2,500
This is payable by you. Or, if you apply for a SUSI grant and are deemed eligible, we will invoice SUSI for your SCC. This SUSI grant is means tested and you can apply online at www.grantsonline.ie. When you register online, you will be asked if you have applied for a grant. Once you receive official confirmation of your SUSI grant, please show it to the Fees Office (or email it to fees@nuigalway.ie or fax it to 091-495553).

3) Student levy – €224
This is payable by all students and is not covered by a SUSI grant.

Grants
If you believe you are eligible for a grant, you should make your application via www.studentfinance.ie.

Financial Assistance – Student Assistance Fund
Some students may find themselves experiencing financial difficulties despite being careful with money during their time at university.

All students who attend a course of at least one year’s duration leading to an undergraduate qualification are eligible to apply for the Student Assistance Fund. Applicants are means tested (taking financial situation and family circumstances into account). The application forms are usually available online from late September/early October. For more information, go to www.studentfinance.ie

Scholarships
The following scholarships are available at this University and are awarded annually to first year registered students:
1. Excellence Scholarships
An Excellence Scholarship is awarded to every entrant to a full-time primary degree programme who reaches 560 Leaving Certificate points. (The exception is for entrants to Medicine, which has 10 scholarships based on the combined results of the Leaving Certificate exam and the HPAT admissions test.) 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 2013/14 is €2,000, and it will be available only at NUI Galway for the first year of any full-time primary degree course offered by the University, and only in the session for which it is offered.

Condition of award
It is essential that you register as a student of the University in the college in which the scholarship is being awarded by the due registration date. Failure to complete the registration requirement will render the student ineligible without further notice. The scholarships will be awarded on the results of the Leaving Certificate examination, except for Medicine, as follows:

i. Not more and not less than six of those subjects accepted by the National University of Ireland for matriculation registration will be taken into account.
ii. Scores will be determined by applying values listed under 2C on page 149.
iii. In September 2014, scholarships will be awarded to entrants who have achieved the minimum points scores as set out above.

The complete scheme can be viewed online at www.nuigalway.ie/admissions

2. Sports Scholarships
The University offers Sports Scholarships to athletes of outstanding calibre who register as students of the University. The scholarship consists of financial assistance and gym membership, as well as performance supports, such as strength and conditioning coaching, and access to some of Ireland’s leading coaches in a range of sports and some of the country’s top sports psychology and nutrition professionals. We also have an excellent sports medicine and physiotherapy service on campus. NUI Galway, uniquely, has an Elite Sports Development Officer to assist scholarship athletes in their development. The focus of the scholarship is on helping students reach their full potential in their sport while receiving a top-class education. More details can be found online, where you can also apply or contact the Elite Sports Development Officer. 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.

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

<table>
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<th>Weekly Living Costs</th>
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<tr>
<td>Accommodation (rental):</td>
<td>€70</td>
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<tr>
<td>Food, including a weekly shop and food in college:</td>
<td>€50</td>
</tr>
<tr>
<td>Travel:</td>
<td>€11</td>
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<tr>
<td>Social (including clothes):</td>
<td>€55</td>
</tr>
<tr>
<td>Medical:</td>
<td>€5</td>
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<tr>
<td><strong>Total (weekly average):</strong></td>
<td><strong>€191</strong></td>
</tr>
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</table>
# Your Learning Environment

**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.

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<th>Lectures</th>
<th>Independent research projects</th>
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<tr>
<td>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.</td>
<td>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.</td>
</tr>
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</table>

<table>
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<tr>
<th>Tutorials</th>
<th>Work experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>These are small groups, where students meet with a tutor to discuss a particular topic in more detail and you are expected to contribute to the discussions.</td>
<td>Some degree programmes include a period of work experience, usually in third year. This gives you a chance to explore future career paths and may even lead to the opportunity of a job after you graduate.</td>
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<tr>
<th>Practicals/Laboratory sessions</th>
<th>Study abroad</th>
</tr>
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<tbody>
<tr>
<td>Hands-on practical classes to develop subject-related skills. This is particularly relevant to science and engineering programmes and courses involving a language.</td>
<td>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.</td>
</tr>
</tbody>
</table>
Innovative teaching methods

Our lecturers work hard to make learning as stimulating as possible by keeping their teaching styles up-to-date. Blackboard is our popular virtual learning environment. It gives you access to learning resources online.

Other innovative teaching tools include podcasting, educational blogs, digital video, video conferencing, multimedia language laboratories and the uploading of lectures to iTunes.

Wifi and IT Support

We have over 80 wifi hotspots across the campus so that you can connect your own devices. We also have a number of PC suites offering a range of general and specialist software and printers.

Our Computing Service Desk offers a ‘one-stop shop’ for all your computing related problems/queries.

The James Hardiman Library - A space for learning

The library provides you with a space and environment conducive to learning. With nearly 2000 study spaces, you can study and research in the company of your fellow students. Most study spaces are equipped with a socket and WiFi is available throughout the library. Two PC Suites within the library provide access to PCs. Group study rooms can be booked that allow students to work together on group projects.

Learning resources at your fingertips

All the information you need for your study and research is available through the library’s collections. The library provides you with access to nearly 500,000 print books, 450,000 e-books and over 70,000 e-journals. We have an extensive collection of unique archives in areas such as history, literature, politics and theatre. Our Special Collections include wonderful collections of rare and local books, maps and newspapers. Particular strengths include folklore, early travel writing and the output of writers such as Douglas Hyde.

Help and Support

The library staff are always delighted to help you find the information you need for your studies. Our Customer Services Team will give you any assistance you need with using the library services or finding your way around our print and online collections. Our team of Subject Librarians and Information Assistants will provide you with training and advice that will help you gain the information skills needed to navigate the information resources and literature of your particular subject area. The Academic Writing Centre provides one-to-one support and assistance with academic writing, helping you become a better writer as you progress through your studies.

FIND OUT MORE

www.library.nuigalway.ie
With over 110 student-led societies, all tastes and interest groups are catered for on campus. The 988 committee members across all these societies organised over 3,000 events last year. These social, educational and cultural events all added to the vibrancy of the campus.

NUI Galway societies have a total membership of 9,858 registered individual student members. The societies have a combined membership of 48,743, with students joining an average of four societies each.

In volunteered hours, societies’ committee members provide the equivalent of almost 132 full-time workers, providing social, cultural and educational support to the University community.

Every year NUI Galway societies host numerous conventions and conferences. In 2013 the Harry Potter Society hosted the first Potter Fest with live Quidditch. Annual conventions organised by the societies include Akumakon, hosted by the Anime & Manga Society, and the hugely popular Itzacon, hosted by the Fantasy & Science Fiction Society.

Societies are involved in three on-campus festivals: A Summer Festival in July, the University Múscaíl Arts Festival in February, and Societies Theatre Festival in March.

In the last 10 years, societies have contributed €1.75 million to charity.

A great way to make friends
Societies provide the ideal way to make new friends who share your interests. Societies organise trips, events, guest speakers, workshops, classes, parties and the glamorous gala balls. Last year over 1,000 society members went on trips. Societies cater for diverse interests, from business to Baha’i, science fiction to physics, comics to medicine, dancing to feminism, poker to juggling, and orchestra to organic gardening. We even have a Nothing Specific Society, and we encourage students to set up their own new societies.

Join the Winning Team
Our societies are officially the best in the country and are the top of the leader board for society wins at the BICS National Society Awards. We won three awards last year at the BICS National Society Awards. Our societies have won numerous awards at national and intervarsity level; our musical society has won an AIMS award for choreography. Our Art Society won the Art Intervarsity, our Fianna Fáil Society (Cumann de Barra) won the best student cumann for the third time and our Drama Society won an award at the ISDA (the Irish Student Drama Association) Festival.
Societies organise many community outreach programmes, including debating, the Schools’ Musical Competition, and volunteering with and fundraising for national and international charities. Our Voluntary Services Abroad Society sends fifth year medical students throughout the developing world. The Sláinte Society organises the popular national school children’s Teddy Bear Hospital. The founder of our Draíocht Society won the International Junior Chamber ‘Most Outstanding Young Person in the World in the category of Humanitarian Aid’ award and travelled to Osaka to receive her prize.

Awards and Bursaries
The societies hold numerous competitions throughout the year. The Musical Society hosts ‘NUIG’s Got Talent’, which presented €1,000 to the winner last year. There is also the Witless Band Competition and the Jerome Hynes One Act Play Series for new playwrights.

Dedicated Society Space
The societies’ dedicated facilities are the best in Ireland, comprising performance spaces, meeting rooms, acoustic rooms, editing suites and an art and dark room, plus a dedicated team of support staff in the SocsBox, who not only support the work of the societies but sell all their merchandise and tickets.

YourSpace
YourSpace is a dedicated website which allows the students and staff to manage their own contact information, join clubs and societies and much more. You can also sign up for the ‘What’s Happening Guide’, your weekly list of what’s on around the campus.

FIND OUT MORE
Societies
www.socs.nuigalway.ie
YourSpace
www.yourspace.nuigalway.ie
## How to Apply

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1. GENERAL ENTRY REQUIREMENTS

1A AGE
Students must normally have attained the age of 17 by 15 January following entry, e.g. for entry 2013, date of birth must be on or before 15 January 1997. 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 to children and/or vulnerable adults. The programmes which require Garda vetting are listed in the course entry requirements in the undergraduate prospectus and online. If the outcome of the vetting process is not satisfactory, students will not be able to participate in placements and, therefore, will not be able to complete the programme.

FIND OUT MORE
Click on your Course Name at: www.nuigalway.ie/courses/undergraduate-courses/

1D MEDICAL CLEARANCE
Candidates for admission to Medicine and Nursing are required to pass a health assessment prior to admission. This assessment includes testing for a number of infectious diseases that may be a risk to patients.

1E IRISH LANGUAGE REQUIREMENT
Generally speaking, Irish is a standard subject requirement for matriculation for applicants with the Irish Leaving Certificate. However, certain applicants may be eligible for an exemption from this requirement from the NUI (e.g. those born outside the Republic of Ireland). Detailed information is available on the NUI website.

FIND OUT MORE
National University of Ireland (NUI)
49 Merrion Square, Dublin 2
T +353 1 439 2424
www.nui.ie

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
www.nuigalway.ie/admissions/entryrequirements.html
1G ASSESSMENT OF APPLICATIONS

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

Irish Leaving Certificate: 13 August 2014
Other school leaving exams: 31 July 2014

It may not be possible to gain entry in the current year if documents and/or results are presented later than the relevant dates. This includes Leaving Certificate results. It is the responsibility of applicants to provide full and accurate information in their application and notify the university of any changes or corrections to the original application.

In the light of additional information which was not available at the time of selection, an offer may be amended or in exceptional circumstances withdrawn. The university also reserves the right to correct errors when they have been made in the communication of decisions and offers.

1H SELECTION SCHEME FOR MEDICINE (ALLOCATION OF PLACES)

In order for school leavers to be eligible to compete for entry to undergraduate Medicine, they must:

a) achieve a minimum of 480 points

b) meet the minimum entry requirements for the programme in the same sitting of the Irish Leaving Certificate examination or equivalent examination

c) complete the required admissions test (HPAT-Ireland) within the two-year period immediately preceding admission to the Medicine programme.

Further information on the selection scheme and allocation of places is available online. Applications for admission to the MB (Bachelor of Medicine) programme in NUI Galway from students who are attending, or have previously attended, all or part of a medical degree programme in another institution are considered only from those who successfully complete the examination requirements of the year of the programme last taken by them or being taken in the year in which application for transfer is being made in the institution from which they are seeking to transfer.

If those examination requirements are not successfully completed, an application may be considered if a reasonable interval (normally not less than three years) has elapsed and if the applicant, through her/his intervening experience and/or otherwise, indicates better preparedness to successfully undertaking university studies again.

An applicant may combine the results of the Leaving Certificate examinations obtained in different years for matriculation registration purposes for all programmes with the exception of Medicine (refer to section 1(h)). This concession applies to matriculation only; it does not apply to the calculation of points for admission. A compensation rule can apply where one Grade E in any subject at Higher Level will be accepted if the applicant has, among other subjects, three Grade C3 awards on Higher Level papers or at least one Grade B3 and one Grade C3 on Higher Level papers in the Leaving Certificate. It should be noted that this compensatory mechanism applies to basic matriculation only. It is not relevant for admission purposes where there is a course requirement higher than Grade D3 at Ordinary Level in the subject concerned. This compensation rule does not apply to matriculation for Nursing programmes.

1I 1h assessment of applications

2. IRISH LEAVING CERTIFICATE APPLICANTS

2A MATRICULATION

For holders of the Irish Leaving Certificate, six subjects are required, with a minimum Grade C3 at Higher Level in two subjects, and at least Grade D3 in four other subjects at Ordinary or Higher Level.

An applicant may combine the results of the Leaving Certificate examinations obtained in different years for matriculation registration purposes for all programmes with the exception of Medicine (refer to section 1(h)). This concession applies to matriculation only; it does not apply to the calculation of points for admission. A compensation rule can apply where one Grade E in any subject at Higher Level will be accepted if the applicant has, among other subjects, three Grade C3 awards on Higher Level papers or at least one Grade B3 and one Grade C3 on Higher Level papers in the Leaving Certificate. It should be noted that this compensatory mechanism applies to basic matriculation only. It is not relevant for admission purposes where there is a course requirement higher than Grade D3 at Ordinary Level in the subject concerned. This compensation rule does not apply to matriculation for Nursing programmes.

2B ACCEPTABLE SUBJECTS

All subjects of the current Leaving Certificate examination are accepted for matriculation purposes, with the following exceptions:

Gaeilge – Bonnleibhéal (Irish, Foundation Level) will not be accepted for matriculation or points purposes.

Mathematics (Ordinary Alternative/Foundation Level) will be accepted for matriculation purposes, but not as a substitute for the subject Mathematics in programmes for which the subject Mathematics is currently an entry requirement. Neither will a score be awarded for a grade in this subject.

Home Economics (General), which has been discontinued from 2004, is not an acceptable matriculation subject for admission to NUI Galway. However, Leaving Certificate Home Economics – Scientific and Social is an acceptable matriculation subject for admission.

Combination of subjects not permitted:

- Physics with Chemistry (joint) may not be presented with either Physics or Chemistry
- Only two of History, Economic History and Economics may be presented
- Music and Musicianship may not be presented with Music
- Agricultural Economics may not be presented with Economics
- Classical Studies may not be presented with Latin or Greek

Laboratory Science Subjects:

The following subjects in the Irish Leaving Certificate are recognised laboratory science subjects:

- Agricultural Science
- Biology
- Chemistry
- Physics and Chemistry (joint)
- Physics

FIND OUT MORE

Due to limitation of places, admission to undergraduate programmes is based on the points system. Each applicant’s score is calculated by allocating points for grades achieved in one sitting (i.e. any one year) of the Leaving Certificate examination. Only the best six subjects are taken into account for points.

Points are awarded as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Higher Paper</th>
<th>Ordinary Paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>100</td>
<td>60</td>
</tr>
<tr>
<td>A2</td>
<td>90</td>
<td>50</td>
</tr>
<tr>
<td>B1</td>
<td>85</td>
<td>45</td>
</tr>
<tr>
<td>B2</td>
<td>80</td>
<td>40</td>
</tr>
<tr>
<td>B3</td>
<td>75</td>
<td>35</td>
</tr>
<tr>
<td>C1</td>
<td>70</td>
<td>30</td>
</tr>
<tr>
<td>C2</td>
<td>65</td>
<td>25</td>
</tr>
<tr>
<td>C3</td>
<td>60</td>
<td>20</td>
</tr>
<tr>
<td>D1</td>
<td>55</td>
<td>15</td>
</tr>
<tr>
<td>D2</td>
<td>50</td>
<td>10</td>
</tr>
<tr>
<td>D3</td>
<td>45</td>
<td>5</td>
</tr>
</tbody>
</table>

Points Awarded for LCVP Link Modules by NUI Galway

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distinction</td>
<td>70</td>
</tr>
<tr>
<td>Merit</td>
<td>50</td>
</tr>
<tr>
<td>Pass</td>
<td>30</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.

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

In general, such candidates will be required to present a language other than English for matriculation purposes. Where the first language of a candidate from outside the European Union presenting the Leaving Certificate is not available in the Leaving Certificate, an examination in that language, accepted by the university as comparable to the matriculation/Leaving Certificate examination, will be acceptable for matriculation purposes. For example, examinations in non-European Union languages available at GCE/GCSE levels will be accepted as meeting the third language requirement. In these circumstances, it is permissible for candidates to combine the results of the Leaving Certificate with the language result in the GCE/GCSE. In the case of examinations other than the GCE/GCSE, applications are considered by the university on an individual basis.

Applications for admission to all full-time undergraduate degree courses are made through the Central Applications Office (CAO).

Applications can be made online, or alternatively, please contact the CAO office to request a hard copy.
3. GCE/GCSE A-LEVELS APPLICANTS

3A MATRICULATION

NUI Galway welcomes applicants presenting General Certificate of Education (GCE) and General Certificate of Secondary Education (GCSE) results. To matriculate, students presenting GCE and GCSE examinations must obtain a pass in at least six recognised subjects in accordance with programme requirements, as well as obtaining the following:

GCE

At least a Grade C at Advanced Level in two recognised subjects (Grade A with Grade E, or Grade B with Grade D, are considered equivalent of two Grade Cs).

GCE AS Level/GCSE

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

3B ACCEPTABLE SUBJECTS

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

3C IRISH LANGUAGE REQUIREMENT AND EXEMPTION

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

3D HOW TO COMPARE A-LEVEL GRADES WITH POINTS

Where a Leaving Certificate grade of Ordinary B3 is required, the minimum requirement is a Grade B at GCSE.

Where a Leaving Certificate grade of Higher C1/C2/C3 is required, the minimum requirement is a Grade C at GCE A-level.

Where a Leaving Certificate grade of Higher B1/B2/B3 is required, the minimum requirement is a Grade B at GCE A-level.

GCE/LC points equivalence from 2010

<table>
<thead>
<tr>
<th>A2</th>
<th>Points</th>
<th>AS</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A*</td>
<td>150</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>A</td>
<td>135</td>
<td>A</td>
<td>65</td>
</tr>
<tr>
<td>B</td>
<td>120</td>
<td>B</td>
<td>60</td>
</tr>
<tr>
<td>C</td>
<td>100</td>
<td>C</td>
<td>50</td>
</tr>
<tr>
<td>D</td>
<td>75</td>
<td>D</td>
<td>35</td>
</tr>
<tr>
<td>E</td>
<td>40</td>
<td>E</td>
<td>20</td>
</tr>
</tbody>
</table>

GCE/LC points equivalence pre 2010

<table>
<thead>
<tr>
<th>A2</th>
<th>Points</th>
<th>AS</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>145</td>
<td>A</td>
<td>60</td>
</tr>
<tr>
<td>B</td>
<td>120</td>
<td>B</td>
<td>60</td>
</tr>
<tr>
<td>C</td>
<td>100</td>
<td>C</td>
<td>50</td>
</tr>
<tr>
<td>D</td>
<td>75</td>
<td>D</td>
<td>35</td>
</tr>
<tr>
<td>E</td>
<td>40</td>
<td>E</td>
<td>20</td>
</tr>
</tbody>
</table>

Please note that a maximum of four different recognised subjects (not being mutually exclusive) may be considered for scoring purposes. AS grades, if presented, will normally only be accepted for the year immediately preceding the grades in the A2 subjects. Grades in the same subject in A2 and AS level cannot be combined. Only GCE grades awarded at the same date can be considered for computation. AVCE subjects, or those titled as applied subjects, are NOT currently accepted for matriculation or entry purposes. Please refer to our website for approximate minimum A-level grades required for entry in 2014.

3E HOW TO APPLY

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

Central Applications Office (CAO)
Tower House, Eglinton Street, Galway

T +353 91 509 800
www.cao.ie

The normal CAO closing date for receipt of completed applications is 5.15pm on 1 February.

Late applications will be accepted by the CAO up to 5.15pm on 1 May subject to an additional fee.

Please note that a late application cannot be made by those applying for Medicine (GYS01).
4. SCHOOL LEAVING EXAMINATIONS FROM EU COUNTRIES OUTSIDE IRELAND AND UNITED KINGDOM

NUI Galway welcomes applications for undergraduate degree programmes from EU applicants.

4A. MATRICULATION, EXEMPTIONS AND ACCEPTABLE SUBJECTS

Applicants must meet normal matriculation and entry requirements. Detailed information for each country is available online.

Find out more
www.nuigalway.ie/admissions

4B. HOW TO APPLY

EU applicants must apply through the CAO in accordance with the closing dates (refer to section 2e) and must tick the box ‘other school exams’. Applicants who have completed a recognised final school examination (e.g. German Abitur, International Baccalaureate) in a previous year must send a certified translated copy of the results to the CAO office. Applicants sitting their final school exam in summer 2014 must send a certified translated copy of the results to the CAO office as soon as they become available. Final closing date for receipt of examination results and/or translation of certificates is 31 July.

Please note that a certified English translation is required in the case of qualifications not issued originally in English or Irish.

This must be sent directly to the CAO office, not directly to the university. Applications for admission to all full-time undergraduate degree courses are made through the Central Applications Office (CAO). Applications can be made online, or alternatively please contact the CAO office to request a hard copy.

Find out more

Central Applications Office (CAO)
Tower House
Eglinton Street
Galway

T +353 91 509 800
www.cao.ie

5. SCHOOL LEAVING EXAMINATIONS FROM NON-EU COUNTRIES

For the purposes of making an application, an EU applicant is defined as one who has been resident in an EU/EEA member state for at least three of the five years prior to entry and whose parents have been in full-time employment in an EU/EEA member state for three of the five years prior to entry. NUI Galway welcomes applications from non-EU applicants. Non-EU applicants are required to apply online through the NUI Galway International Affairs Office, with the exception of applicants intending to study Medicine.

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

All other non-EU applicants to the undergraduate Medicine programme should apply directly to the Admissions Office of the University by the end of January. Please refer to our website.

Find out more

NUI Galway
International Affairs Office
www.nuigalway.ie/international/

Non-EU Applicants
www.nuigalway.ie/medicine/apply.html
# 6. OTHER ROUTES OF ENTRY

## 6A. HEAR – HIGHER EDUCATION ACCESS ROUTE

The Higher Education Access Route (HEAR) is a third-level admissions scheme for school leavers from socio-economically disadvantaged backgrounds. HEAR has been established by a number of higher education institutions, and is based on clear evidence that socio-economic disadvantage has a negative impact on educational achievement at school and progression to higher education.

School leavers who provide satisfactory evidence relating to their socio-economic circumstances and meet the Irish Leaving Certificate matriculation/minimum entry and subject requirements are eligible to compete for a quota of places allocated to applicants on a reduced points basis in NUI Galway.

As the minimum entry and subject requirements may be different for each course, applicants should check this prospectus for the requirements of each preference listed on the CAO form.

### Who should apply to HEAR?

HEAR is for school leavers (under 23 years old as of 1 January 2014). Mature and FETAC students have different admission routes and can get further information on these routes from NUI Galway.

### How to apply to HEAR

1. Apply online to CAO by 5:15pm on 1 February 2014.
2. You must indicate in your CAO application no later than 5:15pm on 1 March 2014 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 2014.

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.

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## 6B. DARE – DISABILITY ACCESS ROUTE TO EDUCATION

The Disability Access Route to Education (DARE) is a supplementary admissions scheme for school leavers with disabilities. DARE was established by a number of colleges and universities because evidence shows that disability can have a negative impact on how well a student does at school and whether they go on to college.

School leavers who meet the eligibility criteria compete for a quota of places allocated to applicants on a reduced points basis in NUI Galway. All applicants must meet the Irish Leaving Certificate (or equivalent), matriculation / minimum entry and subject requirements. As the minimum entry and subject requirements may be different for each course, applicants should check this prospectus for the requirements of each preference listed on your CAO form.

### Who Should Apply to DARE?

DARE is for school leavers (under 23 years old as of January 1 2014), who have the ability to benefit from and succeed in higher education but who may not meet the points for their preferred course, due to the impact of a disability. Mature and FETAC students have different admissions routes and you can get further information on these routes from NUI Galway.

### How to Apply to DARE?

1. Apply to CAO by 5:15pm on 1 February 2014.
2. No later than 5:15pm on 1 March 2014, you must disclose your disability and/or specific learning difficulty in your CAO application and fully and correctly complete Section A of the Supplementary Information Form (the SIF is a part of your CAO application). If you wish to be considered for the DARE scheme, you must indicate this on Section A of the fully completed SIF by ticking “Yes” to Question 5 by 5:15pm on 1 March 2014.
3. You must return the fully completed Second Level Academic Reference (Section B) and Evidence of Disability (Section C) of the SIF to arrive at CAO no later than 5:15pm on 1 April 2014.

Applicants with a Specific Learning Difficulty or Dyspraxia must return a fully completed psycho-educational assessment completed by an appropriately qualified psychologist, in place of Section C. Applicants with Dyspraxia must also provide additional verification (For more information on evidence of disability see www.accesscollege.ie).

### Condition of a DARE Offer

Students who receive a DARE offer must register with the Disability Service and agree on a schedule of meetings with the service.

### More Information

More information on DARE is available from your school Guidance Counsellor or NUI Galway Disability Support Service.

---

**FIND OUT MORE**

www.accesscollege.ie  
www.cao.ie  
www.nuigalway.ie/access  
www.nuigalway.ie/admissions

**Condition of a HEAR Offer**

Students who receive a HEAR offer must attend an orientation programme before the first semester. Students who accept places in NUI Galway through HEAR are offered a variety of academic, personal and social supports while studying at third level.
6C  ACCESS COURSE FOR SCHOOL LEAVERS
This programme is designed for students from schools in the Border, Midlands and Western Region and County Clare who have completed the Leaving Certificate examination and who, for financial or related reasons, did not achieve the points cut-off level for entry to the University on the basis of their Leaving Certificate results. The programme normally takes place over a full academic year and is delivered on the NUI Galway campus and at Outreach Centre. A range of academic and developmental modules are covered during the programme. Students are selected on the basis of their socio-economic status and academic potential. The programme is also delivered in Sligo in partnership with St. Angela’s College of Education.

FIND OUT MORE
Access Office
NUI Galway
T +353 91 493 553
F +353 91 494 573
access@nuigalway.ie
www.nuigalway.ie/access

6D  MATURE – APPLYING ON THE GROUNDS OF MATURE YEARS
If you are at least 23 years of age on or before 1 January 2014 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 2013 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 2014 on the grounds of mature years will be required to take the Mature Students’ Admissions Pathway (MSAP) test as part of the selection process. There will be one sitting only of this test in 2014 and it will take place on Saturday 22 February 2014.

All applicants intending to apply for Medicine in 2014 on the grounds of mature years will be required to take the HPAT Test. Registration closes Monday 20 of January 2014 and the test date is Saturday 1 March 2014. Mature students must also have honours science to Leaving Certificate standard prior to taking the HPAT test. Successful candidates will be invited to the MMI interview in June.

Application must be made by 1 February 2014 through the Central Applications Office. Please note that a late application cannot be made by those applying on grounds of mature years. The applicant must ensure that copies of all relevant information – for example, certificates, transcripts and a personal statement – are included with the CAO application.

Admission on the grounds of mature years is competitive. Applicants who are successful in gaining admission on the grounds of mature years are also assessed on the basis of their school leaving qualifications (if any) in competition with other applicants.

FIND OUT MORE
Mature Students’ Guide
maturestudents@nuigalway.ie
www.nuigalway.ie/mature
MSAP test information
http://msap.acer.edu.au/

CAO
www.cao.ie
HPAT test information
www.hpat-ireland.acer.edu.au/

Further advice and guidance
T +353 91 492 695
www.nuigalway.ie/mature

6E  FETAC – FURTHER EDUCATION AND TRAINING AWARDS COUNCIL
FETAC is, at the time of going to print, introducing the CAS (Common Awards System). Please refer to the NUI Galway website for specific details on the range of FETAC awards which link into the University’s level 8 degree programmes.

FIND OUT MORE

6F  TRANSFER
The Undergraduate Admissions Office welcomes applications from students wishing to transfer into an undergraduate degree programme at a level beyond first year. Transfer applications are normally considered from students who have completed a course at level 6 or level 7 in an Institute of Technology or completed year one of a degree in another university and wish to transfer to Year 2 or 3 of a similar course at NUI Galway. Information is available on the Undergraduate Admissions Office website.

FIND OUT MORE
www.nuigalway.ie/admissions/transfer

6G  ADULT AND CONTINUING EDUCATION
The University also offers Adult and Continuing Education programmes for adults interested in returning to learning or professional development. Adult Education offer a wide range of certificates, diplomas and part-time degree programmes. Entry requirements and details of courses are available online and from the Adult and Continuing Education Office.

FIND OUT MORE
The Adult & Continuing Education Office
NUI Galway
T +353 91 495 241
adulteducation@nuigalway.ie
www.nuigalway.ie/adulteducation
7. ADDITIONAL REGULATIONS

7A DEFERRED ENTRY

Applicants who have been offered a first-year place in the University may apply for deferral of entry for one year. The application must be made via e-mail or in writing and only in respect of the course in which the offer is made. We regret deferrals are not granted in the College of Medicine Course GY501 (except when the deferral is sought on medical grounds).

Once you receive your Offer Notice from the CAO:

1. Do not accept the offer in the manner shown on the Offer Notice.
2. E-mail or write immediately to admissions@nuigalway.ie or Admissions Office, NUI Galway, setting out the reason(s) for the request. Please state your full name, address and contact telephone number, CAO number, and name of course offered.
3. The e-mail/letter must arrive in the Admissions Office at least two days before the ‘Reply Date’ shown on the Offer Notice. Please mark ‘Deferred Entry’ clearly on the envelope.
4. The National University of Ireland, Galway, will communicate the decision to the applicant.
5. In order to take up the deferred place, the applicant must re-apply through the CAO by 1 February of the succeeding year, placing the deferred course as the first and only preference.

The number of deferrals awarded will be limited. Applicants who have been given permission to defer entry must not in the intervening year:

- Attend a third-level institution
- Repeat the Leaving Certificate examination with the intention of applying for a different third-level programme

If an applicant granted a deferral does either of the above, the deferral will lapse and applicants will be required to compete for a place on the programme the following year.

7B BONUS POINTS FOR MATHS

A bonus of 25 points will be allocated to students who achieve a grade D3 or above in Higher Level (HL) Mathematics. This means that the maximum cumulative Leaving Certificate points total will increase from 600 to 625 (existing maximum points plus bonus points).

The scheme was introduced for a four-year pilot period commencing with the Leaving Certificate 2012 and will be reviewed in 2014.

The bonus points will only be relevant in cases where the subject HL Mathematics (including bonus points) is scored as one of the candidate’s six best subjects for points purposes. Consequently, if HL Mathematics (cumulative points score) is not among these six subjects, the bonus points will not be included in the total points score. The maximum possible adjusted points score for applicants to Medicine will increase from 560 to 565. (For all scores over 550, each 5-point band equals one extra point.) The baseline score of 480 points will still apply but can include the bonus points if HL Mathematics (cumulative points) is among the best six subjects.

The table on this page illustrates the impact of the bonus points.

Bonus points will not be used in the assessment of scholarship eligibility.

7C SPECIAL MATHS EXAMINATION

The Special Maths Examination is for students who achieve sufficient CAO entry points and satisfy all other entry requirements but who do not achieve the requisite grade in Mathematics in the Leaving Certificate for admission to certain undergraduate engineering courses. For information on the examination and details on how to apply, please consult our website.

www.nuigalway.ie/engineering/specialmaths.html

7D FEES

For information on fees, please refer to our website.

www.nuigalway.ie/fees

<table>
<thead>
<tr>
<th>Bonus points for Maths</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>% Range</td>
<td>LC Grade</td>
<td>Points for HL Maths, including 25 bonus points</td>
<td>Points for Ordinary Level subjects</td>
</tr>
<tr>
<td>90–100</td>
<td>A1</td>
<td>125</td>
<td>60</td>
</tr>
<tr>
<td>85–89</td>
<td>A2</td>
<td>115</td>
<td>90</td>
</tr>
<tr>
<td>80–84</td>
<td>B1</td>
<td>110</td>
<td>85</td>
</tr>
<tr>
<td>75–79</td>
<td>B2</td>
<td>105</td>
<td>80</td>
</tr>
<tr>
<td>70–74</td>
<td>B3</td>
<td>100</td>
<td>75</td>
</tr>
<tr>
<td>65–69</td>
<td>C1</td>
<td>95</td>
<td>70</td>
</tr>
<tr>
<td>60–64</td>
<td>C2</td>
<td>90</td>
<td>65</td>
</tr>
<tr>
<td>55–59</td>
<td>C3</td>
<td>85</td>
<td>60</td>
</tr>
<tr>
<td>50–54</td>
<td>D1</td>
<td>80</td>
<td>55</td>
</tr>
<tr>
<td>45–49</td>
<td>D2</td>
<td>75</td>
<td>50</td>
</tr>
<tr>
<td>40–44</td>
<td>D3</td>
<td>70</td>
<td>45</td>
</tr>
<tr>
<td>25–39</td>
<td>E</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10–24</td>
<td>F</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
The new Arts, Humanities and Social Sciences Research Building opened in September in 2013.
### 7. Important Dates for Applicants

<table>
<thead>
<tr>
<th>September 2013</th>
<th>March 2014</th>
<th>July 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAO 2014 application packs delivered to schools.</td>
<td>1 March, 5.15pm</td>
<td>1 July, 5.15pm</td>
</tr>
<tr>
<td>October 2013</td>
<td>Most tests and interviews for Restricted Courses are held in March and April.</td>
<td>Change of mind closes.</td>
</tr>
<tr>
<td>Friday, 4 October, 9am-3pm and Saturday, 5 October, 10am-3pm</td>
<td>1 March, 5.15pm</td>
<td>Early July</td>
</tr>
<tr>
<td>NUI Galway’s Open Days</td>
<td>Closing date for final completion of online HEAR/DARE forms.</td>
<td>Round A offers for certain Non-Standard categories of applicant (Matures, Deferrals, etc.).</td>
</tr>
<tr>
<td>November 2013</td>
<td>April 2014</td>
<td>22 July, 5.15pm</td>
</tr>
<tr>
<td>5 November, 12.00 noon</td>
<td>Most tests and interviews for Restricted Courses are held in March and April.</td>
<td>Closing date for late applications for those already attending a participating HEI (exception to timetable).</td>
</tr>
<tr>
<td>CAO online application facility opens. Change of Course Choices (free) facility opens.</td>
<td>1 April, 5.15pm</td>
<td>August 2014</td>
</tr>
<tr>
<td>January 2014</td>
<td>Latest date for HEAR/DARE supporting documentation to arrive in CAO.</td>
<td>Early August</td>
</tr>
<tr>
<td>20 January, 5.15pm</td>
<td>Saturday 5 April, 10am-3pm</td>
<td>Round 0 offers for certain Non-Standard categories of applicant.</td>
</tr>
<tr>
<td>Apply online by this date to avail of the discounted application fee of €25.</td>
<td>NUI Galway’s Spring Open Day</td>
<td>Mid August</td>
</tr>
<tr>
<td>31 January, 5.15pm</td>
<td>May 2014</td>
<td>Leaving Certificate results issued.</td>
</tr>
<tr>
<td>Closing date for online Change of Course Choices (free).</td>
<td>1 May, 5.15pm</td>
<td>18 August (expected date)</td>
</tr>
<tr>
<td>February 2014</td>
<td>Closing date for late applications.</td>
<td>Round 1 offers.</td>
</tr>
<tr>
<td>1 February, 5.15pm</td>
<td>5 May expected date</td>
<td>25 August, 5.15pm (expected date)</td>
</tr>
<tr>
<td>Normal closing date for applications (£40).</td>
<td>Online change of mind facility becomes available.</td>
<td>Round 1 acceptances.</td>
</tr>
<tr>
<td>5 February</td>
<td>Before 15 May</td>
<td>27 August (expected date)</td>
</tr>
<tr>
<td>Online facility to amend course choices becomes available (£10 fee).</td>
<td>A Statement of Course Choices sent to all late paper applicants.</td>
<td>Round 2 offers.</td>
</tr>
<tr>
<td>Before 15 February</td>
<td>Before end of May</td>
<td>September 2014</td>
</tr>
<tr>
<td>A Statement of Course Choices is sent to all paper applicants. If not received, you must contact the CAO immediately.</td>
<td>Statement of Application Record sent to all applicants.</td>
<td>Early September</td>
</tr>
<tr>
<td>June 2014</td>
<td>Leaving Certificate examinations.</td>
<td>HEIs begin registration.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 September, 5.15pm (expected date)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Round 2 acceptances.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>October 2014</td>
</tr>
<tr>
<td></td>
<td>Early October</td>
<td>Results of Leaving Certificate appeals released.</td>
</tr>
<tr>
<td></td>
<td>15 October, 5.15pm</td>
<td>Offer season ends.</td>
</tr>
<tr>
<td>Exam</td>
<td>HPAT (for medicine applicants)</td>
<td>MSAP (for mature applicant to Arts)</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Apply</td>
<td>20 January, 5.15pm (€115 fee)</td>
<td>8 February, 5.15pm (€70)</td>
</tr>
<tr>
<td></td>
<td>1 February, 5.15pm (€185 fee)</td>
<td></td>
</tr>
<tr>
<td>Late applications</td>
<td>4 February, 5.15pm (€220 fee)</td>
<td>20 February, 5.15pm (€105 fee)</td>
</tr>
<tr>
<td>Test day</td>
<td>1 March</td>
<td>8 March</td>
</tr>
</tbody>
</table>
CAMPUS MAP

1. Arts Millennium Building (And new home of the School of Psychology)
2. Arts/Science Building
3. The Quadrangle
4. Arts Millennium Building (And new home of the School of Psychology)
5. IT Building
6. Orbsen Building
7. Engineering Building
8. Áras na Gaeilge
9. Áras na Mac Léinn and Bailey Allen Hall
10. Sports Centre
11. Corrib Village (Student Accommodation)
12. Áras Moyola
13. Bank of Ireland Theatre
14. J.E. Cairnes School of Business and Economics
15. Student Information Desk (SID)/Áras Uí Chathail

To Galway City

University Road Entrance

Cathedral
River Corrib

University Road
NEWCASTLE ROAD

Student Information Desk (SID)/Áras Uí Chathail

Arts Millennium Building (And new home of the School of Psychology)

James Hardiman Library

Castle Road

UNDER CONSTRUCTION
Useful Contacts

Main NUI Galway Switchboard
T +353 91 524 411
F +353 91 525 700
www.nuigalway.ie
www.oegaillimh.ie

Student Information Desk
(General Student Enquiries)
Áras Uí Chathail
NUI Galway
T +353 91 495 999
www.nuigalway.ie/sid
sid@nuigalway.ie

Admissions Office – Undergraduate (EU Applicants)
Áras Uí Chathail
NUI Galway
T +353 91 493 553
access@nuigalway.ie

Fees Office
Áras Uí Chathail
NUI Galway
T +353 91 492 386
F +353 91 495 553
fees@nuigalway.ie

Accommodation and Welfare Office
Áras Uí Chathail
NUI Galway
T +353 91 492 760/492 364
teresa.kelly@nuigalway.ie
T +353 91 492 760/493 540
angela.walsh@nuigalway.ie
T +353 91 495 282
una.mcdermott@nuigalway.ie

Mature Students Office
Áras Uí Chathail
NUI Galway
T +353 91 492 695
www.nuigalway.ie/mature
maturestudents@nuigalway.ie

Adult and Continuing Education Office
NUI Galway
T +353 91 492 144
adulteducation@nuigalway.ie

Access Programmes
NUI Galway
T +353 91 493 553
access@nuigalway.ie

Disability Support Service
NUI Galway
T +353 91 492 813
disability.service@nuigalway.ie

International Affairs Office – (Non-EU Applicants)
NUI Galway
T +353 91 495 277
www.nuigalway.ie/international
international@nuigalway.ie

Alumni Office
NUI Galway
T +353 91 493 750
www.nuigalway.ie/alumni
alumni@nuigalway.ie

Sports Scholarships
NUI Galway
T +353 91 495 979
www.nuigalway.ie/sports
gary.ryan@nuigalway.ie

For all other entrance scholarships, contact the Admissions Office at www.nuigalway.ie/admissions/scholarships

Schools Liaison Office
NUI Galway
T +353 91 492 814
T +353 91 495 788
schoolvisits@nuigalway.ie

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Celine O’Donovan
South, South West & Midlands Regions
T +353 87 239 1219
celine.odonovan@nuigalway.ie

Gráinne Dunne
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T +353 87 244 0858
grainne.dunne@nuigalway.ie

Siobhán Dorman
East & South East Regions
T +353 86 042 1591
siobhan.dorman@nuigalway.ie

Other useful contacts

National University of Ireland (NUI)
49 Merrion Square
Dublin 2
T +353 1 439 2424
www.nui.ie

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

The contents of the Undergraduate Prospectus are for information purposes only and shall not be deemed to constitute a contract between NUI Galway and an applicant or any third party. While every effort is made to ensure the accuracy of the information in this publication, the University reserves the right to amend, change or delete any courses, syllabuses, examinations, fees, regulations, rules or orders at any time without notice.
Kicking off the U21 NUI Galway Corinthians 2012/13 rugby season