



National
College *of*
Ireland

INTERNATIONAL PROSPECTUS

www.ncirl.ie/international

EXCELLENT



QS Awards

National College of Ireland is proud to have received a 5-star rating from global ranking experts, QS Stars, confirming our position alongside world-leading institutions. Our 5 star ratings across several categories is testament to the high quality of teaching and student experience here at NCI.

EXCELLENT



Employability



Facilities



Inclusiveness



Internationalisation



Teaching



Social Responsibility





National
College of
Ireland

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WELCOME FROM THE PRESIDENT OF **NATIONAL** **COLLEGE OF** **IRELAND**

Dear Students,

Together with all my colleagues, I am delighted to welcome you to National College of Ireland's prospectus.

Here you will find all the information you need about our programmes and student services. If you have any questions, you can ask them to us in person at our Open Events or through our online helpdesk.

We hope that you will choose NCI and join with us in commencing or continuing your life-long educational journey. Our mission is 'to change lives through education' and we know that we can help you through your studies to develop the confidence, critical thinking and initiative that is needed for your future career.

NCI takes a 'whole person' approach to education, reflected in the services and supports we offer. We want you to achieve your full potential and we will guide and assist you to do so, so that you can build a rewarding career founded on a world-class education from National College of Ireland.

NCI has strong relationships with employers and consistently achieves the highest graduate-employment rate in Ireland. The lecturers you will learn from bring the best academic qualifications and also cutting-edge industry experience.

Our smaller class sizes mean closer interaction with your lecturers, a greater ease for asking questions, a chance to build friendships and a network that will sustain you long after graduation.

Whether your interest lies in business, marketing or finance; data science, computing or technology management; human resources, psychology or early childhood education, NCI has a course for you.

Do note that we are carefully monitoring the situation for the coming academic year with regard to government health advice and we will adjust to both online and on-campus activity as circumstances permit. At all times the quality of your learning experience and achievement of your chosen qualification will be at the forefront of our thinking. We are ready to help you succeed!

A stylized, handwritten signature in black ink that reads "Gina Quin".

Gina Quin

President

National College of Ireland

The NCI Experience

Established in 1951, NCI has always had a sole focus on providing skilled leaders to meet the current and future demands of our industry partners. Today, in our campus without walls, NCI students have unique opportunities to study nearby, meet with and work for some of the world's biggest and best companies.

Reasons to choose NCI

1. Our **award winning career services** ensure that 87% of our graduates are in employment or further study.
2. As a **leading specialist college**, we focus exclusively on courses to meet the current and future workforce demand of the world's best companies.
3. Our 'campus without walls' gives students a unique opportunity to **develop their networks** with potential employers and future colleagues.
4. We focus on delivering a **world leading level of student support** for all international students, from application through to graduation.
5. Each of our courses focuses on the **practical application** of knowledge and theory.
6. A holistic approach to education, personal development and time for relaxation allows students the **opportunities to grow** and enhance their personal development.
7. NCI graduates can avail of a post study graduate **work visa of up to two years**.



5,800
students

1,300
international
students

**8 Academic
Hubs** – Finance,
Human Resource
Management,
International Business,
Entrepreneurship,
Cyber Security,
Data Science,
Cloud Computing,
Psychology

83+ nationalities
represented
in student
population

Over **250**
student events
each year

500 companies
on campus each
year

A Global Education

Excellence in teaching

NCI is a Government funded institute, with a strong focus on delivering an outstanding learning environment, personal development opportunities, and unrivalled links with business and the public sector.

At NCI, we continuously focus on improving our learning experience. In a rapidly changing world, we seek to develop courses that offer the very latest expertise and views. Your course will be delivered by a passionate team of academics who bring together an exciting blend of academic research and real world industry experience.

Academic Hubs

Whether it is Accounting & Finance, Human Resources, International Business or Psychology, our Academic Hubs allows us to produce graduates of the highest order. NCI shares its campus with some of the world's biggest and fastest growing companies. In order to be able to fulfil their workforce requirements, our focus is on a number of specialist areas.

Small class sizes

NCI's campus offers an intimate learning environment, where small classes are the norm and our lecturers are easily accessible for advice and guidance. Even on our Masters courses, you will find classes rarely exceed 50 students.

An international approach

We continue to be one of the fastest growing and most popular colleges in Ireland for international students. Because of this, we have worked tirelessly to ensure that the college maintains a strong global perspective.

We operate on a global scale in everything we do – from university collaborations to international faculty, from international modules within our courses to our international reputation.

Prepared for industry

Our courses are driven by the very latest developments in industry to give you a genuine insight into the real-world application of your subject. You'll graduate with relevant skills and knowledge and, for many of our courses, a qualification that's recognised by professional organisations.

Research excellence

As 80% of our academic staff have PhD's, NCI strives to produce research and results of international significance. This means that you are part of a community where knowledge is being created, as opposed to being reviewed.

**Courses developed with industry
to meet their current and future
staffing needs**

When researching NCI, I could see it was surrounded by all of the international companies that I wanted to work in after I graduated. Just last week, there were 100s of companies on campus during the career fair.

Abdulgaffar Adeoye
MSc in Finance
Nigeria





The reason I chose
Dublin was the better
education system, the
affordable tuition fees,
the very friendly people,
the incredible culture
and the scenery.

Yue Luo
BA (Hons) in Accounting & Finance
China

A WORLD CLASS EXPERIENCE

Choosing to study overseas can be an overwhelming prospect. Selecting a college that can provide you with the best academic levels, a stimulating environment and support to ensure you reach your potential is very important. At NCI, we take pride in offering these, and much more, to every international student.

International support

We understand better than most that moving to a new country, where you might have no family or friends, can be daunting. We have developed a range of supports, specifically for international students, which assist you in every step of your journey. From airport collections to a welcome course, you will find that you always have a helping hand in whatever you need. Read more about our international student support on page 18.

Opportunities to grow

International education is not all about studying. It is also a time to make lifelong friends, take advantage of unique opportunities and develop a new perspective on the world. In our annual survey, 90% of NCI's international students viewed their experience here as positive.

Our commitment to excellence extends to our societies and sports clubs, not to mention our International Office's Peer Mentors who arrange weekly events, activities and weekends away.

Industry connections

Our unique city centre campus is home to some of the world's best companies, including PWC, Facebook, JP Morgan and Citibank. You will study in an environment that provides you with access to potential employers, future colleagues, courses designed with leading companies and many faculty with real world business experience.

Graduate prospects

Many employers visit NCI's campus and major recruitment and information fairs are held here, ensuring that our students are fully aware of opportunities for internships and graduate employment. Page 22 of this prospectus will give you more detail on our award winning careers support.

Central location

Being in the heart of Dublin, the gateway to Europe, ensures that NCI is located in a thriving and inspiring environment, minutes away from busy business districts, stunning river views and vibrant entertainment and shopping quarters.

**Discover who you are
and reach your full potential**



National
College of
Ireland

Central
Bank of Ireland

PWC

CITI

BNP
Paribas

Yahoo
(10 mins walk)

KPMG

Oracle



Pfizer Europe

StateStreet

AirBnB

Facebook
(5 mins walk)

Grant Thornton

Google
(10 mins walk)

Linkedin

**Two vibrant
business districts,
connected by
NCI's city centre
campus**

Silicon Docks

Silicon Docks is the name given to the Grand Canal area, just five minutes walk from NCI's campus. This area is now home to some of the world's biggest and newest tech companies and their 40,000 staff. Companies include: Accenture, Airbnb, Amazon.com, Dropbox, Facebook, Google, Groupon, Indeed, LinkedIn, Squarespace, TripAdvisor and SurveyMonkey.

IFSC

The International Financial Services Centre (IFSC) is one of the most important business districts in Europe. With over 500 firms in the area, this area has 38,000 staff. This figure is expected to increase as a result of Brexit. Companies include: AIG, BNP Paribas, Citibank, Credit Suisse, Central Bank of Ireland, HSBC, HubSpot, J.P. Morgan, KPMG, PWC, State Street and Twitter.

INTERNATIONAL STUDENT SUPPORT

We understand better than most that moving to a new country, where you might have no family or friends, can be daunting. We have developed a range of supports, specifically for international students, which assist you in every step of your journey. From airport collections to a welcome course, you will find that you always have a helping hand in whatever you need.

International Student Support

Our support services are world-class, including our International Office, which is dedicated to the needs of our international students. We are passionate about what we do and the positive impact it has in helping students to settle into their new life in Ireland, allowing them to focus on their studies and to flourish. This has been recognised within the education industry as the NCI international team won first place in The Education Awards 2021 for the International Engagement Award. The International Office will ensure you have all the information you need to arrive, live and study at NCI. You will find information about the support we offer at www.ncirl.ie/international

International standards

Although we are committed to producing graduates that are ready to join an international workforce, we are also firmly rooted in providing a distinctive European education. The Irish education system is known for its innovative teaching and assessment methods, that encourage independent and creative thinking. The Irish quality standards in education are among the highest in the world.

Before you start your course

Members of our International Office and academic staff regularly visit different countries to meet prospective students, their families and our alumni. We work closely with a worldwide network of agent representatives, all of whom can give you advice on studying in Ireland and at NCI. For information on your country, including entry requirements, contact details, a list of your country agent representatives and visits to your country, please see www.ncirl.ie/international

International sponsors

NCI prides itself on the support provided to international sponsors and their students, ensuring that both receive the highest level of service possible through a dedicated contact. As part of this service, regular progress reports are collated and supplied to sponsors, where authorisation has been provided by the student.

Before you arrive in Dublin

From twelve weeks before the start of classes, we begin engaging with all applicants on the important information needed to help plan the journey to NCI and Ireland. Every week the international support team send an email with information and guides that cover a different topic such as accommodation, finances, careers, registration and starting at NCI. The same week we also hold a webinar giving students the opportunity to ask questions or clear any doubts with the International support team and current NCI students. Details can be found on our website at www.ncirl.ie/international

Visa and immigration

If you require a visa to study in Ireland, the International Office strongly recommend that you discuss your visa application with one of our network of specialist, local agent representatives. We provide ongoing support to students once they are in Ireland as to how best to adhere to their visa requirements and maximise the opportunities that the Irish student visa allows. To find out if you need a visa to study in Ireland please go to <https://www.irishimmigration.ie/>

Welcome Programme

For new international students joining NCI in September or January of each year, the International Office runs a Welcome Programme. It is delivered over several weeks starting from the first week in September and January. The programme covers a wide range of essential topics and great activities that ensure students get off to the very best start for the year ahead and settle into college life in Dublin and they include:

- 1. Know-How sessions** to understand how things work at NCI and in Ireland.
- 2. Out & About sessions** to get to know more about Dublin.
- 3. Meet-Up sessions** to meet other NCI students.

Support services

In addition to the support services available to all students, as outlined in the previous section, the International Office provides a confidential advisory service for international students. We can offer advice, or introduce you to the best person to talk to, on a range of issues including immigration, employment and financial matters, as well as academic and personal issues.

A photograph of two men standing on a modern staircase. The man on the left is of Asian descent, wearing glasses, a pink hoodie, and a denim jacket. The man on the right is of African descent, wearing a dark blue button-down shirt and a red backpack. They are both looking at a small brochure or map held by the man on the right, who is smiling and pointing at it. The background shows the glass and metal railings of the staircase.

**NCI won the award
for Best International
Student Engagement
for 2021 for our
work supporting
students during
Covid-19.**





CAREERS SUPPORT

Our award-winning Careers and Employability Service offers ongoing support for planning your career throughout your time at NCI and beyond.

The NCI Careers centre works proactively with employers to promote the skills and attributes of students and graduates of NCI academic courses.

Every year we welcome employers on campus to participate in presentations, employability initiatives and careers fairs.

- > In the last 12 months we have hosted Dell, AOL, IBM, Enterprise Rent a Car, Hedgeserv, LinkedIn, Oracle, SQS, Guidewire, Lidl, Citi, Bank of Ireland, Groupon, Mobile Travel Technology, Fiercefun, Workday and many more on campus.
- > We assist in organising Ireland's largest Graduate Careers Fair - the gradireland Graduate Careers Fair in collaboration with 9 other Colleges and Universities. In 2015 over 100 employers attended this event.
- > We host an on campus "Just in Time" Careers Fair with circa 25 companies in attendance.
- > We regularly host "Spotlight on Industry" events where a number of companies from the same sector come on campus for one afternoon, deliver presentations and network with students. An example is the Spotlight on IT event which was attended by Mobile Travel Technology, SQS, Guidewire, AOL, FierceFun and Groupon.
- > We host a number of panel and speaker presentations covering various topics relevant to today's marketplace and student interests.
- > We also arrange industry specific employability events such as Whiteboard Interview practicums.

Nearby recruiters



BNP PARIBAS



Banc Ceannais na hÉireann
Central Bank of Ireland
Eurosysteem



J.P.Morgan

facebook



Grant Thornton



STATE STREET





ACCOMMODATION

At NCI, we understand that suitable student accommodation plays an important part in building a solid foundation for academic success.

NCI students benefit from the advantages that come from choosing to study in a capital city which offers a wide range of accommodation options, from student residences, to host families, to shared apartments. While finding the right place to live can be difficult and there is much competition, we offer a range of guides that will help you along the way. The college recommends that students adopt the REPAC approach to identifying an accommodation option to suit their individual needs and support a positive educational experience.

Research all accommodation options

Research all accommodation options

Establish your budget

Patience will be required before finding your accommodation

Avoid extended temporary accommodation

Cautious must be shown to avoid costly mistakes

Students unfamiliar with Dublin are encouraged to consider living in short term accommodation, such as a hostel or host families, when they first arrive in Dublin. This will provide new students with the opportunity to become better acquainted with the city, settle into their academic program and make new friends, without having to worry about the challenges of the private rental market. Visit our accommodation section of the website to find some of our useful information www.ncirl.ie/international.



MONEY MATTERS

International applicants need to consider a range of financial issues, including the cost of living, health insurance and tuition fees, before applying to the University.

Students should budget carefully for living expenses. Factors that affect your budget include your accommodation preferences, lifestyle, transport and entertainment allowances.

Tuition fees

International students are required to pay international student tuition fees, which cover the cost of teaching and many student support services. The indicative annual tuition fee is quoted in this prospectus on each of the course pages starting on page 28.

NCI can guarantee that students will pay the same annual tuition fee throughout each year of study on a multiple year course.

To ensure small class sizes, places are strictly limited and offered on a first come, first served basis. Places on each course are only guaranteed as and when a student has paid full tuition fees. Where a student is being sponsored by State agency or company, they must ensure that all relevant documentation is signed by the sponsor.

Refund policy

All applicants must read the college's policy on refunds, which is available on our website, before accepting an offer of admission. The policy complies with all Irish Government requirements and best practice.

Scholarships

A wide range of scholarships will be available for students who wish to study at NCI. More information on available scholarships, the application process, eligibility criteria and important deadlines is available by visiting www.ncirl.ie/international

As these details are subject to change, interested students are encouraged to check the websites from time to time. You must have an offer of a place on a course before you can be considered for a scholarship.

For more details on all active and available scholarships, please visit our website - www.ncirl.ie/international



Planning a budget

In order to estimate what your approximate total cost of living in Dublin will be, the first thing you should do is make a budget. Allocate money for essentials like rent and food first. Then think about expected costs for local transport (particularly if you choose to live off campus), social and entertainment allowance, books and other learning materials, clothes, mobile phone etc. You should also consider any one off expenses at the start of the academic year, for example the registration cost with immigration and items for your accommodation such as a duvet and cooking materials (if not provided).

Health and medical

As an international student, you must have health insurance before getting your visa. If you do not require a visa you must have health insurance before travelling to Ireland. The level of cover and what is included depends on the policy you choose. Find out more information on insurance and providers in Ireland visit the website at www.ncirl.ie/Students/International/Fees-and-Funding/Insurance

Students with families

Student visas are only available for the student themselves. This does not allow spouses, children or other family members to stay in Ireland during your studies.

Part-time work

Many international students hope to obtain parttime work to supplement funds for living costs. Students are allowed to work up to 20 hours per week during the academic year and up to 40 hours per week during Christmas and Summer holidays. Students should also be aware that the workload for many courses is intense and so you may not have the time to undertake employment as well as study full-time. Please consider this when thinking about how you will finance your studies.

Living costs

There are many choices and preferences that will affect what you will spend during your time studying at NCI. The largest expense you will incur will be your accommodation, where you can choose to live on campus, share with someone else or live alone.

As a guide, most Undergraduate students will spend between €9,000 and €12,000 for a 40 week academic year. This includes rent, food, travel and other lifestyle expenses.

Masters students, who study for a full 12 months, will usually spend between €10,000 and €15,000.



INTERNATIONAL ENTRY REQUIREMENTS

Students from more than 80 countries study at our campus and we accept high school and degree qualifications from thousands of education institutions around the world.

The following pages provide guidance on our entry requirements. For full details on the requirements for your country please check our website – www.ncirl.ie/Students/International/Your-Country

If your country is not listed on our website, or if you would like to check a qualification level, please email us at international@ncirl.ie

Undergraduate Entry Requirements

We accept high school qualifications from around the world as well as A Level and International Baccalaureate qualifications. Our undergraduate programmes require you to have completed Mathematics and English subjects within your high school qualification and some programmes may have specific grade requirements. Many students can successfully gain Year 1 entry to our programmes but there may be a requirement for you to complete a foundation programme. For full details on the requirements for your country, including the specific grades you require, please check our website.

Postgraduate Entry Requirements

Our masters programmes require students to have a bachelor degree (or international equivalent) from a recognised institution at the same standard as an Irish university's lower second class honours (2:2) degree classification. Some programmes may require an equivalent to an upper second class honours (2:1) degree classification. To find out the accepted qualifications from your country as well as the required grades, please check our website.

In addition to the entry requirements from individual countries, certain courses also have cognate requirements. You should look at the programme pages from this brochure for more details.



ENGLISH LANGUAGE REQUIREMENTS

The IELTS for each individual programme is listed on the individual course pages.

Students should also check the country pages on our website, to see if there are specific requirements or arrangements for your own country.

Some courses may require a higher English language level, please check the course details within this prospectus for exact requirements.

We gladly accept a range of alternatives to IELTS, which you will find in the table below.

IELTS equivalents

IELTS	4.5	5.0	5.5	6.0	6.5
TOEFL Computer	150	173	196	213	232
TOEFL Paper-Based	475	500	525	550	575
TOEFL Internet-Based	53	64	70	78	86
PTE Academic	29	35	42	50	58
Cambridge European Framework	B	B1	B2	B2	C1
Cambridge Exams	PET	FCE	FCE	FCE	CAE + CPE
Irish Leaving Certificate	Ordinary "D"	Ordinary "D"	Ordinary "D"	Ordinary "D"	Ordinary "C"
UK GCSE	Pass	Pass	Pass	Pass	n/a

Duolingo English test

NCI also accepts the Duolingo English test.

The following is a guide to the result you will need to achieve:

Duolingo Score Band	NCI Programme(s)
95-100	All 3 and 4 year Undergraduate programmes in the School of Business and School of Computing Higher Diploma in Science in Computing MSc in Data Analytics MSc in Cloud Computing MSc in Cybersecurity
105-110	MSc in Fintech All Masters in the School of Business BA (Hons) in Early Childhood Education and Care

ENGLISH LANGUAGE PATHWAY

Pre Sessional English 2022

What it is

The NCI Pre Sessional English (PSE) programme helps students build their confidence and better prepare themselves for their studies at NCI and life in Ireland.

- Improve your English language ability
- Improve your English for academic study. Learn and implement the critical learning skills that you must acquire for your success in your Bachelor degree programme
- Enhance your learning experience at NCI
- Gain extra time to settle into life in Dublin, Ireland, before your studies commence in September

Content and format

The PSE Programme will include the following content:

- English for Academic Purpose
- Subject related Academic Reading and Writing Skills
- Communication and Presentation Skills
- Critical Thinking
- Lectures and Note-taking
- Social and cultural activities

Duration

The programme runs for six weeks and it starts in Summer 2022.

Who can apply

The course is suitable for students who

- Meet the academic entry requirements of their programme
- Have an IELTS score of 5.5 if their programme requires a score of 6.0
- Have an IELTS score of 6.0 if their programme requires a score of 6.5

On these courses, students are assessed continuously with no need to take IELTS or another external English test at the end of the course. If you reach the required level on the pathway course, you can progress directly onto your academic course of choice.

INTERESTED?

For more information, Please visit us at:

<https://www.ncirl.ie/Students/International/What-You-Can-Study/Pathways>







School of Business

BA (Hons) in Business

BA (Hons) in Human Resource Management

BA (Hons) in Marketing Practice

BA (Hons) in Psychology

BA (Hons) in Accounting and Finance

MSc in Management

MSc in International Business

MSc in Entrepreneurship

MSc in Marketing

MSc in Finance

MA in Human Resource Management

Bachelor of Arts (Honours) in Business NFQ Level 8



Course duration –
Three Years Full-Time



Fees (per year of study) €10,000



Intake September

About the Course

NCI's BA (Honours) in Business is a comprehensive and broad-based business degree. You will cover all the key business disciplines and have the opportunity to specialise in particular areas of business as you progress through the course. In first year, you will study a broad range of business subjects. After the common first year, you will be able to select a specialisation in particular areas, such as entrepreneurship or international business, with further specialisations in other business fields also being developed. The modules you study in second and third year will then vary depending on the path you have chosen.

Through the expert lecturers in our School of Business, you will obtain a great understanding of how business works and in which part of the business world you would like to make your career.

The advantage of this full-time degree is that it is very flexible and opens up a large number of career paths. You gain a broad business foundation, and can then focus on the particular area you most enjoy through your choice of specialisation and a range of elective modules throughout the course.

This degree also gives you many options to progress to masters' courses or postgraduate study later on. If you are looking for a broad-based degree, a great start in business and plenty of career options, then this course will definitely appeal to you.

You may also be able to take advantage of an opportunity to engage in a year-long, accredited work placement between years two and three. This placement will be credit-bearing and comprises an extra year in the degree. Access to such placements will be limited and highly competitive.

As a graduate of this course you will:

- Have a fantastic foundation in all aspects of the modern business world.
- Understand how to analyse and solve business problems.
- Benefit from a range of employment opportunities in areas such as management, marketing, industrial relations, economics and international trade.

Further Study Options

Upon successful completion of the BA (Honours) in Business, graduates who have acquired the appropriate entry requirements can progress to postgraduate business courses at level 9 on the National Framework of Qualifications such as: MSc in Management, MSc in Marketing or MA in HRM at National College of Ireland.

Career Prospects

Graduates of the BA (Honours) in Business course will be eligible to apply for a variety of career options in both general management and specialised management functions. An analysis of recent graduates has identified career paths within accounting and finance, financial services, pensions, marketing, human resource management, recruitment, management, business development and enterprise (starting your own business).

Recent graduates from the BA (Honours) in Business are employed with LinkedIn, Accenture, AIB, Arvato, Citi, Bord Gáis, Deutsche Bank, IBM, State Street, Willis Towers Watson and UPS.

Course Structure and Award

This undergraduate business course is a three-year honours degree (four years with the option of a placement*). The main course is run over six semesters with continuous assessment held throughout the course and examinations at the end of each semester.

In each year of the degree, any student with an overall average of 70+ will win a Dean's Award.

On completion, you will receive a QQI BA (Honours) Degree in Business at level 8 on the National Framework of Qualifications.

*Students who complete the Career Management Skills module and meet set grade criteria are eligible (subject to availability) to complete a work placement on year three of the programme and graduate after four years with 240 ECTS credits.

Who is the course for?

The course is ideal if you know you want a business qualification but aren't sure which area you wish to specialise in, or if you would like to develop a fully formed understanding of business.

Minimum Entry Requirements

IELTS requirement – 6.0. For more on entry requirements please consult page 22.



Ziyue Sun BA (Hons) in Business, China

"I love Ireland. People are really, really friendly. Dublin has such fresh air, its super clean. It's the capital of the country, so there are many top companies nearby."

A GUIDE TO COURSE CONTENT

Year 1

Before selecting your specialisation you will study a broad range of subjects in first year.

- Managing Your Learning
- Economics of the World
- Financial Accounting
- Human Resource Management
- Marketing in a Digital Age
- Quantitative Analysis
- Organisational Behaviour
- Fundamentals of Irish law

Year 2 & 3

Common subjects in second and third year:

- Business Economics
- Entrepreneurship
- Economic and Social Policy
- Global Business Environment
- Management
- Social and Organisational Behaviour
- Marketing Management
- Business Statistics and Analytics
- Strategic Management
- Project Management

Choose a Specialisation

In second and third year you will also study different modules depending on your selected area of specialisation.

The following is a guideline to the types of modules you will study depending on the specialisation you choose (some modules are shared between specialisations).

Entrepreneurship Specialisation

- Innovation and Creativity
- New Product Development
- Financial Tools for the Enterprise
- Operations Planning and Design
- Plus additional entrepreneurship elective modules

International Business Specialisation

- Leadership in a Global Context
- Innovation and Creativity
- Financial Tools for the Enterprise
- Global Strategy
- Global Supply Chain Management
- Plus additional international business elective modules

Business Specialisation

- Management Accounting
- Innovation and Creativity
- Services Marketing Management
- PR and Social Media
- Plus additional business elective modules

Elective Modules

Electives could include areas such as Business Ethics, International HRM, Pensions, Contemporary Issues in Reward Management and other business modules.

Electives may include prerequisites, are subject to change, and availability is subject to class sizes.

Flexible Choices for High Achieving Students

In years two and three, there are extra choices available for high achieving students (averaging 60% plus)

- Between year two and three – a year - long work placement
- In your final year - a capstone project in your chosen business specialism

Recent graduates are employed with LinkedIn, Accenture, AIB, Arvato, Citi, Bord Gáis, Deutsche Bank, IBM, State Street, Towers Watson and UPS.

Bachelor of Arts (Honours) in Human Resource Management

NFQ Level 8



Course duration –
Three Years Full-Time



Fees (per year of study) €10,000



Intake September

About the Course

Successful organisations develop winning teams and the human resources function is at the heart of this. As a HR professional you will oversee a wide range of areas like recruitment, training, employee development and industrial relations. Senior HR professionals shape business strategy, and this HR degree will equip you to move towards these types of interesting roles. This full-time HR course draws on NCI's seventy years as the leading educational institution for human resource management. Our world-class faculty, and industry links, mean you will find the course to be current, practical and comprehensive. You will graduate with an extremely well-regarded qualification and excellent career prospects. This is an excellent business degree with a focus on human resources that will equip you with the latest knowledge and build on your skills in working with people.

You may also be able to take advantage of an opportunity to engage in a year-long, accredited work placement between years two and three. This placement will be credit-bearing and comprises an extra year in the degree. Access to such placements will be limited and highly competitive.

As a graduate of this course you will:

- Have a thorough understanding of human resource management.
- Understand the world of business and how HRM integrates with other areas.
- Develop personal skills in teamwork, communication and research.

Course Structure and Award

This undergraduate business course is a three-year honours degree (four years with the option of a placement*). The main course is run over six semesters, with continuous assessment held throughout the course and examinations at the end of each semester.

In each year of the degree, any student with an overall average of 70+ will win a Dean's Award.

On completion, you will receive a QQI BA (Honours) Degree in HRM at level 8 on the National Framework of Qualifications.

*Students who complete the Career Management Skills module and meet set grade criteria are eligible (subject to availability) to complete a work placement on year three of the programme and graduate after four years with 240 ECTS credits.

Career Prospects

For over 70 years National College of Ireland has built an enviable reputation for excellence in HR education, producing HR graduates that are highly sought after in the market. Recent graduates from the HR degree are employed in human resources, recruitment, industrial relations and training roles in organisations including Telefonica, Google, Comfort Keepers, IBEC, Hertz, PwC, IBM, Arvato, Ergo, Ryanair, NTMA and CPL.

Further Study Options

Upon successful completion of the BA (Honours) Degree in Human Resource Management, graduates who have acquired the appropriate entry requirements can progress to postgraduate courses at level 9 on the National Framework of Qualifications such as the Postgraduate Diploma or MA in HRM, or the MSc in Management.

Professional Recognition

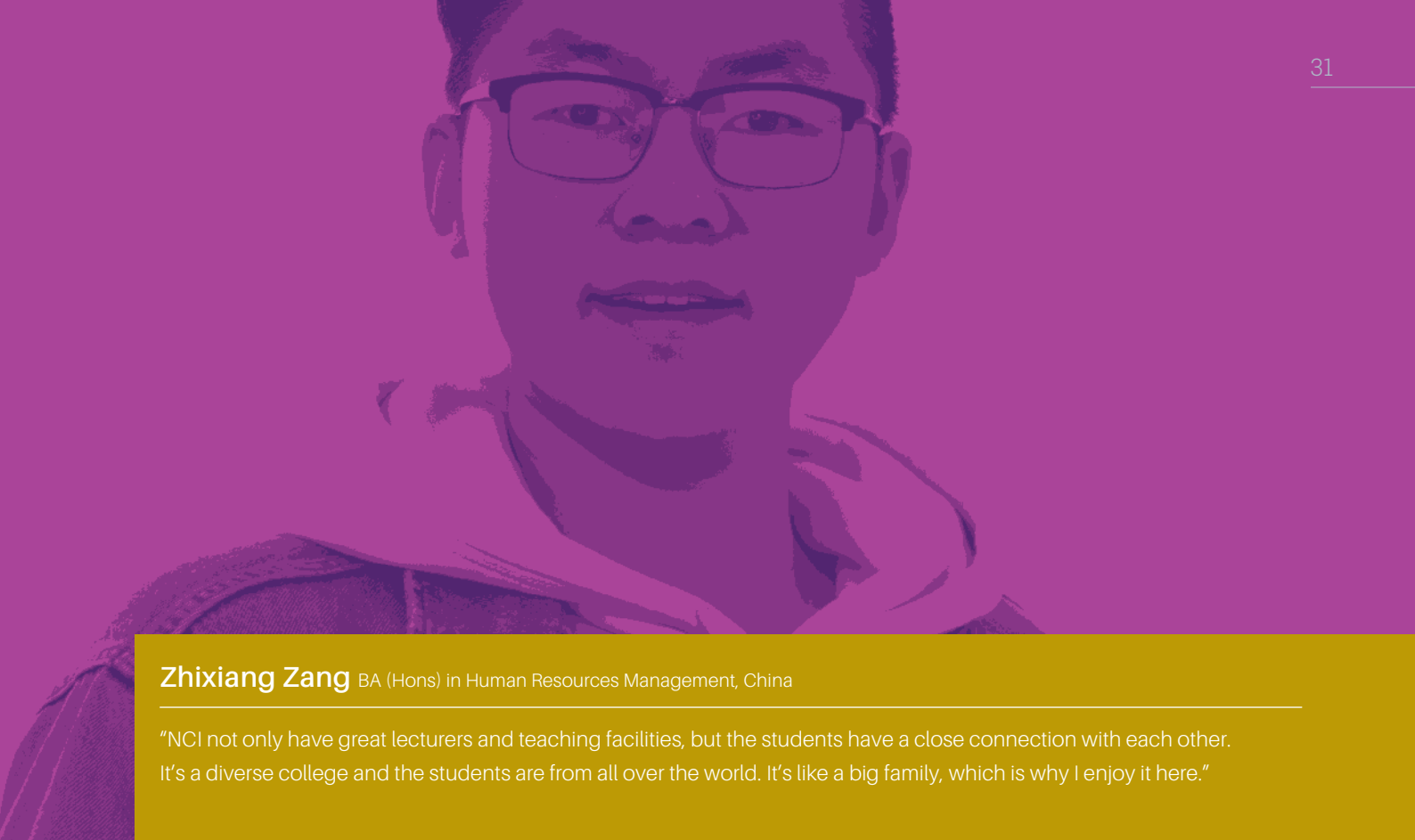
This course is an excellent foundation towards Membership of the Chartered Institute of Personnel and Development (CIPD) and/or the Irish Institute of Training and Development (IITD).

Who is the course for?

If you want an interesting and varied business career, with an understanding of business strategy and human resource management, this degree will appeal to you.

Minimum Entry Requirements

IELTS requirement – 6.0. For more on entry requirements please consult page 22.



Zhixiang Zang BA (Hons) in Human Resources Management, China

"NCI not only have great lecturers and teaching facilities, but the students have a close connection with each other. It's a diverse college and the students are from all over the world. It's like a big family, which is why I enjoy it here."

A GUIDE TO COURSE CONTENT

Year 1

In first year you will study a range of business subjects.

- Managing Your Learning
- Economics of the World
- Financial Accounting
- Human Resource Management
- Marketing in a Digital Age
- Quantitative Analysis
- Individual Organisational Behaviour
- Fundamentals of Irish Law

Year 2 & 3

In second and third year, you will continue with an overall business perspective and, in addition, complete more specialist modules in human resource management. The following is a guideline to the subjects you will cover.

Core subjects in second and third year:

- Business Economics
- Entrepreneurship
- Economic and Social Policy
- International HRM
- Contemporary Issues in HRM
- Strategic Human Resource Management

Specialist Modules in HRM:

- Learning and Change in organisations
- Performance and Reward Management
- Social and Organisational Behaviour
- Employment Law
- Industrial Relations
- Organisational Development
- Contemporary Issues in Industrial Relations
- Plus additional HRM elective modules

Elective Modules

Electives could include areas such as Business Ethics, Pensions, Contemporary Issues in Reward Management and other business modules.

Electives may include prerequisites, are subject to change, and availability is subject to class sizes.

Flexible Choices for High Achieving Students

In years two and three, there are extra choices available for high achieving students (averaging 60% plus).

- Between year two and three – a year-long work placement
- In your final year - a capstone project in the HRM field

Recent graduates from the HR degree are employed in human resources, recruitment, industrial relations and training roles in organisations including Telefonica, Google, Comfort Keepers, IBEC, Hertz, PwC, IBM, Arvato, Ergo, Ryanair, NTMA and CPL.

Bachelor of Arts (Honours) in Marketing Practice NFQ Level 8



Course duration –
Three Years Full-Time



Fees (per year of study) €10,000



Intake September

About the Course

Have you ever looked at the latest big brand advertising campaign and thought: I could do better than that? Marketing is central to our everyday lives, as organisations compete for attention with TV ads, sporting sponsorships, social media campaigns and more. NCI's BA (Honours) in Marketing Practice will allow you to understand these campaigns and the strategies behind them, and give you the skills to work in this fast-paced area.

Our honours marketing degree is unique in that you will be offered hands-on experience. You will learn about the latest thinking and techniques, but will also work on real, live industry projects (where feasible), planning, implementing and adapting current campaigns under the supervision of expert lecturers and marketing professionals. You will present your ideas to industry personnel from a range of Irish companies and not-for-profit organisations who work with us to make your degree as practical as possible.

This degree will cover all the core marketing subjects such as brand management, consumer behaviour, digital marketing and entrepreneurship. In the second year, you will have the option to shape your degree and specialise in the discipline of your choice by selecting marketing, digital marketing or entrepreneurship electives.

You may also be able to take advantage of an opportunity to engage in a year-long, accredited work placement between years two and three. This placement will be credit-bearing and comprises an extra year in the degree. Access to such placements will be limited and highly competitive.

The final year concludes with an exciting capstone project, where you will work extensively with a carefully selected organisation on a live campaign (where feasible). This will allow you to apply the marketing expertise built up over the three years of your course. You will work as consultants, in teams, to develop marketing initiatives, which will be examined by supervising lecturers and industry peers.

As a graduate of this course you will:

- Understand how modern marketing operates and how the various disciplines of marketing work together in Ireland and internationally.
- Learn how to analyse marketing problems in tough business environments and generate practical solutions.
- Benefit from a broad range of employment opportunities in areas such as marketing, entrepreneurship, digital marketing and advertising.

Course Structure and Award

This undergraduate course is a three-year honours degree (four years with the option of a placement^{*}). The course is run over six semesters with continuous assessment held throughout the course and examinations at the end of each semester.

In each year of the degree, any student with an overall average of 70+ will win a Dean's Award.

On completion you will receive a QQI BA (Honours) Degree in Marketing Practice at level 8 on the National Framework of Qualifications.

*Students who complete the Career Management Skills module and meet set grade criteria are eligible (subject to availability) to complete a placement on year 3 of the programme and graduate after 4 years with 240 ECTS credits.

Career Prospects

Opportunities exist to work in areas such as brand management, digital marketing, market research, sales, product development and international marketing, within all industry sectors.

Further Study Options

Upon successful completion of the BA (Honours) in Marketing Practice, graduates who have acquired the appropriate entry requirements can progress to postgraduate business courses at level 9 on the National Framework of Qualifications such as: MSc in Marketing or Management at National College of Ireland or postgraduate programmes in other institutions.

Who is the course for?

The course is ideal if you are interested in marketing, sales, communications or are thinking you might like to set up your own business.

Minimum Entry Requirements

IELTS requirement – 6.0. For more on entry requirements please consult page 22.

‘Marketing is no longer about the stuff you make, but the stories you tell.’

Seth Godin

Content Marketing
is set to grow to **\$418bn**
by 2025

64% of marketing
executives “strongly agree”
that data-driven marketing is
crucial in the economy

Digital consumption
has increased by **155%**
since 2015

A GUIDE TO COURSE CONTENT

You will learn about the latest thinking and techniques, and will also work on real, live industry projects (where feasible), planning, implementing and adapting current campaigns under the supervision of expert lecturers and marketing professionals.

Year 1

- Fundamentals of Marketing
- Economic and Market Practice
- Brand Management
- Management and the Organisation
- Emerging Technologies for Business
- Entrepreneurship
- Financial Analysis and Reporting
- Innovation and Creativity in Business

Year 2

- Consumer Behaviour
- Market Research
- Business Intelligence and Statistics
- Digital Marketing
- Integrated Marketing Communications
- Plus two electives

Electives:*

- Advanced Financial Analysis
- Digital Technology for Business
- New Product Development
- Services Marketing Management

Year 3

- Marketing Law
- Marketing Strategy
- Project Management
- Distribution Channel Management
- Sales Management and Networking
- Capstone Project modules

Elective Modules*

Electives may include prerequisites, are subject to change, and availability is subject to class sizes.

Flexible Choices for High Achieving Students

In year 2, high achieving students (averaging 60% plus) can elect to do a year-long work placement.

Opportunities exist to work in areas such as: **brand management, digital marketing, market research, sales, product development and international marketing, within all industry sectors.**

Bachelor of Arts (Honours) in Accounting and Finance NFQ Level 8



Course duration –
Three Years Full-Time



Fees (per year of study) €10,000



Intake September

About the Course

This accountancy and finance degree is about much more than just the numbers. It will give you the technical skills you need and the ability to think critically and creatively, to understand how an organisation can succeed. It features a blend of specialised accounting and finance subjects together with general business subjects.

The course will help you understand the relationships between finance and other business disciplines. You will develop a critical and methodical approach to problem-solving and decision-making in a financial context and develop the ability to interpret and communicate financial and other information. The broader business viewpoint of the course will give you an excellent foundation in leadership and management and give you the broad perspective necessary for the modern interconnected business world.

This degree will equip you for a career in accountancy, finance and related fields. NCI has particular expertise in this area and graduates have achieved graduate-level employment positions.

You may also be able to take advantage of an opportunity to engage in a year-long, accredited work placement between years two and three. This placement will be credit-bearing and comprises an extra year in the degree. Access to such placements will be limited and highly competitive.

As a graduate of this course you will:

- Understand the theory and practice of accounting and finance.
- Develop your skills and knowledge in all areas of business.
- Be able to pursue a career in general management, accountancy or related fields.
- Be eligible for professional accountancy body exemptions.

Course Structure and Award

This undergraduate course is a three-year honours degree (four years with the option of a placement*). The course is run over six semesters with continuous assessment held throughout the course and examinations at the end of each semester.

In each year of the degree any student with an overall average of 70+ will win a Dean's Award.

On completion you will receive a QQI BA (Honours) Degree in Accounting and Finance at level 8 on the National Framework of Qualifications.

*Students who complete the Career Management Skills module and meet set grade criteria are eligible (subject to availability) to complete a work placement on year three of the programme and graduate after four years with 240 ECTS credits.

Career Prospects

Recent graduates from current accounting and finance degrees at NCI are employed as trainee accountants and tax advisors within the Big 4 and Top 10 accountancy firms together with industry and financial services. Many are undertaking the professional accountancy exams, and specific employers include: EY, Deloitte, BDO, Grant Thornton, JPA Brenson Lawlor, JP Morgan, Enterprise Rent-a-Car, Citi, BNY Mellon, Moore Stephens, Cornmarket, PwC and Daiwa.

Further Study Options

Upon successful completion of the BA (Honours) in Accounting and Finance, graduates can progress to postgraduate courses at level 9 on the National Framework of Qualifications such as the MSc in Finance at NCI or pursue a professional accountancy qualification such as ACA, ACCA or CIMA.

Who is the course for?

The course will appeal to students looking to move into the international world of accounting and finance.

Professional Recognition

Graduates who meet the criteria decided by the professional accounting bodies may apply for generous exemptions from the examinations of professional accountancy bodies on completion of the course. These include Chartered Accountants Ireland (CAI), Association of Chartered Certified Accountants (ACCA), Chartered Institute of Management Accountants (CIMA) and Certified Public Accountants (CPA) Ireland.

Minimum Entry Requirements

IELTS requirement – 6.0. For more on entry requirements please consult page 22.



Shankar Bhattarai BA (Hons) in Accounting & Finance, Nepal

"If you are coming to Ireland, NCI is the best place to be. It will build up your career, no matter what you want to do after your graduate."

A GUIDE TO COURSE CONTENT

This accountancy and finance degree is about much more than just the numbers. It will give you the technical skills you need and also the ability to think critically and creatively to understand how an organisation can succeed.

Year 1	Year 2	Year 3
- Financial Accounting - Fundamentals of Management - Economics in the World - Managing Your Learning - Business Law for Accounting and Finance - Mathematics for Business and Finance - Financial Accounting - Economics in the World - Introduction to Financial Markets - Quantitative Methods - Information and Communications Technology in Accounting and Finance - Marketing for Accounting and Finance	- Consumer Behaviour - Market Research - Business Intelligence and Statistics - Digital Marketing - Integrated Marketing Communications - Plus two electives Electives:* - Advanced Financial Analysis - Digital Technology for Business - New Product Development - Services Marketing Management	- Financial Accounting - Management Accounting - Corporate Finance - Taxation - Quantitative Methods in Finance - Company Law for Accounting and Finance - Financial Accounting - Management Accounting - Corporate Finance - Business Economics - Corporate Governance and Ethics - Collective Investments Electives - Introduction to Strategy - Taxation - International Financial Management - Life Assurance - Loans - Retirement Financing - Entrepreneurship - Business Analytics and Research - Retirement Benefits - Auditing and Assurance

Elective Modules

Electives may include prerequisites, are subject to change, and availability is subject to class sizes.

Note: This course is undergoing revalidation with QQI. In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

Specific employers include: EY, Deloitte, BDO, Grant Thornton, JPA Brenson Lawlor, JP Morgan, Enterprise Rent-a-Car, Citi, BNY Mellon, Moore Stephens, Cornmarket, PwC and Daiwa.

Bachelor of Arts (Honours) in Psychology NFQ Level 8



Course duration –
Three Years Full-Time



Fees (per year of study) €10,000



Intake September

Our psychology degree is accredited by the Psychological Society of Ireland (PSI). The PSI is the professional body for psychology in the Republic of Ireland, with accreditation enabling honours graduates of our degree to pursue further professional training in psychology.

About the Course

Psychology is the fascinating study of the human mind and seeks to understand how we think, act and feel. In this degree you will look at compelling questions such as: What shapes our personality? How do children develop and learn? What influences our well-being? Why do we sometimes forget things? What gives some teams an edge over others? The psychology degree at NCI will set you on an amazing journey of discovery. It will also equip you for a range of careers. Your degree could see you eventually working in a number of clinical and psychological settings, or alternatively in business areas such as marketing, management and human resources, or in sports, education, social work, among others. It is a degree that gives a variety of career choices and the option of further postgraduate study.

Working with our dedicated and experienced psychology faculty you will gain a solid grounding in all the core areas of psychology including cognitive psychology, personality and individual differences, lifespan development, social psychology, research methods and biological psychology, as well as specialised topics such as workplace psychology and, cyber-psychology. You will cover all the major theoretical perspectives, like the theories of Freud, Jung and Pavlov, and will be encouraged to apply these theories to the world around you through an interesting range of projects and assignments. Studying psychology will take you through some of the darker and the dazzling aspects of the human condition. This degree will give you an excellent broad knowledge in psychology and the ability to later specialise in the areas you most enjoy.

As a graduate of this course you will:

- Understand the principles of psychology and gain a broad understanding of human behaviour.
- Learn how to critically analyse problems and how to conduct scientific research.
- Apply your knowledge of psychology to the workplace, the community and society.

If you have an interest in human behaviour and wish to open up a range of careers, then this course will be tremendously rewarding and valuable.

Course Structure and Award

This undergraduate course is a three-year honours degree. The course is run over six semesters with continuous assessment held throughout the course and examinations at the end of each semester.

Students complete research projects in their final year of study. These research projects will be considered for submission to the Psychology Society of Ireland Annual Student Congress. In 2020, an NCI psychology student was awarded the prize for 'Best Research Project' in the undergraduate category at this prestigious and highly competitive national event.

In each year of the degree any student with an overall average of 70+ will win a Dean's Award.

On completion you will receive a QQI BA Honours Degree in Psychology at level 8 on the National Framework of Qualifications.

Career Prospects

The degree is accredited by the Psychological Society of Ireland and therefore allows graduates to complete further graduate training within psychology in areas including:

- Clinical psychology
- Forensic psychology
- Organisational psychology
- Counselling psychology

Completion of the degree will also facilitate graduates in entering many other professions including human resources, recruitment, management, consultancy and marketing.

Further Study Options

Upon successful completion of the BA (Honours) in Psychology, graduates who have acquired the appropriate entry requirements can progress to postgraduate programmes at level 9 on the National Framework of Qualifications such as the MA in HRM at National College of Ireland, as well as clinical, educational, occupational and counselling psychology at other venues.

Who is the course for?

The course will appeal to students who have a curiosity about the human mind and who wish to work in a variety of related fields.

Minimum Entry Requirements

IELTS requirement – 6.0. For more on entry requirements please consult page 22.

Future prospects

The degree is recognised by the Psychological Society of Ireland and therefore allows graduates to complete further graduate training within psychology in areas including:

- > Clinical psychology
- > Organisational psychology
- > Forensic psychology
- > Educational psychology
- > Counselling psychology

Completion of the degree will also facilitate graduates in entering many other professions including human resources, recruitment, management, consultancy and marketing.

93% of our 2019 graduates of this programme were employed or in further study within 6 months of graduation.

A GUIDE TO COURSE CONTENT

Year 1

- Applied Introduction and History of Psychology
- Introduction to Research Methods
- Social Psychology
- Lifespan Development
- Cognitive Psychology
- Introduction to Statistics

Year 2

- Personality and Intelligence
- Biological Bases of Behaviour
- Applied Statistics
- Coaching Psychology
- Psychology of Learning and Behaviour Analysis
- Applied Research Methods
- Psychology Labs

Year 3

- Final Project
- Health Psychology
- Abnormal Psychology
- Plus four electives*

*Elective Modules Include

- Criminal Psychology
- Applied Developmental Psychology
- Psychology of Thinking
- Evolutionary Psychology
- Cyberpsychology
- Workplace Psychology
- Contemporary Neuroscience
- Financial Management
- Tools for the Enterprise
- Organisational Development
- Public Relations and Social Media
- Entrepreneurship
- International HRM
- Contemporary Issues in Reward Management
- Ethics and Social Responsibility

Students will also be able to select from a range of non-psychology elective subjects including Organisational Development, Public Relations and Social Media, Entrepreneurship, and International HRM. All electives are subject to minimum numbers and resource constraints.

Master of Science in Management

NFQ Level 9



Course duration –
1 year full time (September intake),
20 months (January intake)



Fees (per year of study)
€15,000



Intake September,
January

About the Course

The MSc in Management has been developed to satisfy the demand for courses that combine a strong theoretical foundation with a firm focus on practical application. You will be exposed to the most current schools of thought in disciplines such as international business, finance, marketing, entrepreneurship and strategy.

The course also provides a series of elective modules for students to explore other areas of interest or to emphasise their development in a specific area of their choice. Development of effective managerial skills, which include analytical problem solving, decision-making, effective communication and leadership, is encouraged throughout the course. Such skills provide strong tools which can be applied in real day-to-day management situations and serve graduates to aim at higher management positions within the organisation.

Block teaching is used to provide the opportunity for more in-depth development of knowledge within modules. An applied approach to teaching is used within the programme with lectures interspersed with exercises, use of case study analysis, group activities in class, debate on contemporary issues as well as independent learning.

Who is the course for?

The course is aimed at anyone following a career path which requires them to step into middle to top management positions. Additionally, the course can provide a transition stage for graduates from other disciplines who wish to move into the management arena either as practitioners, researchers or consultants.

Award and Progression

The MSc in Management course is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Course Content

Candidates are required to complete 3 core modules and 1 elective per semester. In addition learners must complete a 10 credit research methods module which runs over semester 1 and 2 of the academic year with a final dissertation to be completed at the end of the programme.

Entry Requirements

IELTS requirement – 6.5. Applicants with an equivalent to an Irish Level 8 Honours degree in any discipline will be considered. For more on entry requirements please consult page 22.

A GUIDE TO COURSE CONTENT

Core Modules

- Managing the Organisation
- Financial Management
- Marketing Management
- Strategy for Decision-Making
- Economics for Management
- International Business
- Research Methods
- Dissertation

Modules

- Commercial Law
- Corporate Social Responsibility and Business Ethics
- Contemporary Issues in Global Finance
- Services Marketing
- Entrepreneurship
- Strategic Management of Human Capital
- Employment Law
- Global Value Chain Management
- Doing Business on the Cloud
- Strategic Project Management
- Strategic ICT and eBusiness Implementation
- Management of Innovation and Technology

Availability of elective choices is subject to student numbers. The course content as shown above is for indicative purposes. The college reserves the right to re-order the schedule of modules offered. Note that all modules count towards the final award classification.

Note: This course is undergoing revalidation with QQI.

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

Master of Science in International Business

NFQ Level 9



Course duration –
1 year full time (September intake),
20 months (January intake)



Fees (per year of study)
€15,000



Intake September

About the Course

The MSc in International Business has been specifically designed for those wishing to gain deeper knowledge of the international business environment as both employees or as owner/managers of businesses operating internationally. The requirement for managers to think globally but act locally is vital to success. An understanding of the international environment in which organisations are now situated cannot be over-emphasised.

Who is the course for?

The course is aimed at anyone following a career path that requires them to step into middle to top management positions in an internationally-focused business environment. Additionally, the course can provide a transition stage for graduates from other disciplines who wish to move into the management arena either as practitioners, researchers or consultants.

Award and Progression

The MSc in International Business course is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

IELTS requirement – 6.5. Applicants with an equivalent to an Irish Level 8 Honours degree in any discipline will be considered. For more on entry requirements please consult page 22.

Course Content

Candidates are required to undertake nine core modules including research methods and dissertation modules. Candidates may also choose one elective to undertake during this time from the elective choices listed below.

A GUIDE TO COURSE CONTENT

Core Modules

- Multinational Enterprises (MNEs) and the Global Business Environment
- Managing the Organisation
- Marketing in the Global Environment
- Corporate Social Responsibility and Business Ethics
- Research Methods
- Strategy for Decision-Making
- Economics for Management
- Contemporary Issues in Global Finance
- Dissertation

Electives

- Services Marketing
- Marketing Management
- Strategic Management of Human Capital
- Employment Law
- Commercial Law
- Management of Innovation and Technology
- Global Value Chain Management
- Doing Business on the Cloud
- Strategic Project Management
- Strategic ICT and eBusiness Implementation

Availability of elective choices is subject to student numbers. The course content as shown above is for indicative purposes. The college reserves the right to re-order the schedule of modules offered.

Note that all modules count towards the final award classification.

Note: This course is undergoing revalidation with QQI.

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

Master of Science in Entrepreneurship

NFQ Level 9



Course duration –
1 year full time



Fees (per year of study) €15,000



Intake September,
January

About the Course

The MSc in Entrepreneurship will provide you with a critical insight into entrepreneurship through a deep exploration of the stages of creativity, innovation and enterprise. Moreover the course will provide a critical insight into the culture of the entrepreneurial firm and the culture of the individuals who build and create such enterprises.

The course will allow you to develop an advanced understanding of the management function across a broad range of business disciplines including enterprise, innovation management, technology, strategy, finance and law, providing you with the ability to analyse and critically evaluate management theory and practice.

Who is the course for?

This course is aimed at individuals seeking to develop an entrepreneurial mindset with a view to starting their own business or nurturing this approach within an existing organisational structure. Additionally, the course can provide a transition stage for graduates from other disciplines who wish to move into the management arena either as practitioners, researchers or consultants.

Award and Progression

The MSc in Entrepreneurship course is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

IELTS requirement – 6.5. Applicants with an equivalent to an Irish Level 8 Honours degree in any discipline will be considered. For more on entry requirements please consult page 22.

Course Content

Candidates are required to complete nine core modules including research methods and dissertation module. Candidates may also choose two electives to undertake during this time from the elective choices listed below;

A GUIDE TO COURSE CONTENT

Core Modules

- Enterprise Management
- Strategy for Decision-Making
- Marketing Management
- Commercial Law
- Research Methods
- Managing the Organisation
- Enterprise Simulation Game
- Management of Innovation and Technology

Elective Choices

- Corporate Social Responsibility and Business Ethics
- Contemporary Issues in Global Finance
- Services Marketing
- International Business
- Strategic Management of Human Capital
- Employment Law
- Global Value Chain Management (Operations Management)
- Doing Business on the Cloud
- Strategic Project Management
- Strategic ICT and eBusiness Implementation

Availability of elective choices is subject to student numbers. The course content as shown above is for indicative purposes.

The college reserves the right to re-order the schedule of modules offered.

Note: This course is undergoing revalidation with QQI.

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

Master of Science in Marketing

NFQ Level 9



Course duration –
1 year full time



Fees (per year of study) €15,000



Intake September

About the Course

The MSc in Marketing has been specifically designed with the needs of current and future marketing professionals and managers in mind. The course will equip you with a comprehensive understanding of key foundations of the marketing discipline as well as providing you with a detailed understanding of the contemporary marketplace. In addition, you will learn how to apply the latest marketing theory and practice in an increasingly complex digital marketing environment.

The programme comprises a carefully selected range of both contemporary and fundamental marketing topics such as: integrated marketing communications, brand management, postmodern marketing and digital marketing strategy, and thus caters for multinational organisations, indigenous SME initiatives and entrepreneurial enterprises. The ethos of this programme is to work in tandem with industry, ensuring that graduates are competent, well-versed marketers, possessing the up-to-date knowledge and application skills necessary to develop and drive successful commercial (and non-commercial) enterprises.

The programme offers students real insight and experience into how to plan and execute marketing campaigns and strategies in actual organisations, enabling our graduates to enter management roles, hitting the ground running.

Block teaching is used to provide the opportunity for more in-depth development of knowledge within modules. An applied approach to teaching is used within the programme with lectures interspersed with exercises, use of case study analysis, group activities in class, debate on contemporary issues as well as independent learning.

Who is the course for?

The course is aimed at those seeking to advance their studies and/or professional career in marketing and its related fields.

Award and Progression

The MSc in Marketing course is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

IELTS requirement – 6.5. Applicants with an equivalent to an Irish Level 8 Honours degree in marketing or a business subject with some marketing components will be considered. For more on entry requirements please consult page 22.

Course Content

Candidates are required to complete nine core modules including research methods and dissertation module. Candidates may also choose two electives to undertake during this time from the elective choices listed below;

A GUIDE TO COURSE CONTENT

Core Modules

- Marketing in the 21st Century
- Digital Marketing Strategy
- The Contemporary Consumer
- Integrated Marketing Communications in a Digital Age
- Services Marketing
- Market Research
- Innovation, Creativity and Entrepreneurship
- Marketing Metrics and Accountability
- Brand Management
- Research Methods
- Dissertation

Electives

- Strategic Social Media Marketing and Public Relations
- Marketing Insights and Customer Relationship Management
- The Social Conscience of the Consumer
- Postmodern Marketing
- Management of Innovation and Technology
- Selling to the Modern Customer
- Strategic Project Management

Availability of elective choices is subject to student numbers. The course content as shown is for indicative purposes. The college reserves the right to re-order the schedule of modules offered.

Note: This course is undergoing revalidation with QQI.

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

Master of Science in Finance

NFQ Level 9



Course duration –
1 year full time (September intake),



Fees (per year of study)
€15,000



Intake September

About the Course

The MSc in Finance has been designed in consultation with industry to provide candidates with the advanced analytical, statistical and financial skills for decision-making within the modern and dynamic financial services sector. Graduates will be accomplished in the application of advanced quantitative tools and financial models and techniques within a range of business and financial settings. In particular, the course will provide graduates with the techniques and applied knowledge necessary to select, analyse and utilise advanced financial concepts within the setting of investment management and capital markets. The learning environment for the course is practical and applied in nature and on completion graduates will be able to think independently, make informed and effective decisions and proactively troubleshoot financial and technical business problems. Graduates from the MSc in Finance will be able to apply advanced research skills and critically evaluate seminal, as well as contemporary literature, paradigms and concepts which underpin the operation of international capital markets and the investment management process.

Who is the course for?

The course is for those wishing to embark on a career in investment management or individuals in all areas of financial management who wish to progress their career.

Award and Progression

The Master of Science in Finance is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

IELTS requirement – 6.5. Applicants with an equivalent to an Irish Level 8 Honours degree in Finance, Accounting, Economics or another cognate subject will be considered. For more on entry requirements please consult page 22.

A GUIDE TO COURSE CONTENT

Semester 1

- Economics
- Quantitative Methods in Finance
- Financial Statement Analysis
- Asset Valuation
- Quantitative Analysis in Finance
- Corporate Finance

Semester 2

- Portfolio Management
- Derivatives and Risk Management
- Applied Security Analysis
- Ethics and Governance
- Financial Regulation
- Capstone Seminar Series
- Dissertation
- Financial and Quantitative Modeling
OR
- Strategic Management and the Global Environment

Note: that all modules count towards the final award classification.

Availability of elective choices is subject to student numbers. The course content as shown is for indicative purposes. The college reserves the right to re-order the schedule of modules offered.

Note: This course is undergoing revalidation with QQI. In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

Master of Arts in Human Resource Management

NFQ Level 9



Course duration -

1 year full time
20 months
(January intake)



Fees (per year of study) €15,000



Intake September,
January

About the Course

This intensive course has been developed in consultation with the Chartered Institute of Personnel and Development (CIPD).

The programme aims to develop an in-depth understanding of the core disciplines in the area of human resources (HR). It recognises that HR must operate in challenging and dynamic business environments that are constantly changing and seeks to enable students to deliver effective business solutions that optimise the people resources of their organisation.

Combined with a practitioner recognised qualification in the area of HRM, namely CIPD, this course is geared towards people wishing to continue or progress in their professional development in HR or wider roles in the organisation.

Block teaching is used to provide the opportunity for more in-depth development of knowledge within modules. An applied approach to teaching is used within the programme with lectures interspersed with exercises, use of case study analysis, group activities in class, debate on contemporary issues as well as independent learning.

Who is the course for?

This course is aimed primarily at individuals seeking an academic qualification at postgraduate level while also wishing to advance their career to assume positions at senior management level with a specific focus on human resource management.

Award and Progression

The Master of Arts in Human Resource Management is awarded by QQI at level 9 on the National Framework of Qualifications. Graduates with relevant work experience will be eligible to apply for Chartered Membership of the Chartered Institute of Personnel and Development (CIPD) after successful completion of the first 3 semesters. A membership fee will be payable directly to CIPD.

This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ. Students who successfully complete the first 3 semesters of the course may choose to exit the course at that time with the award of Postgraduate Diploma in Arts in HRM.

Entry Requirements

IELTS requirement - 6.5. Applicants with an equivalent to an Irish Level 8 Honours degree in any discipline will be considered. For more on entry requirements please consult page 22.

COURSE CONTENT

- Leading and Managing
- Human Resource Management in a Strategic Business Context
- People Resourcing
- International HRM
- Employment Law
- Employee Relations
- Talent Development
- Mediation and Conflict Management
- Research Methods
- Dissertation

The course content as shown above is for indicative purposes. The college reserves the right to re-order the schedule of modules offered.

Note: This course is undergoing revalidation with QQI.

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.



School of Computing

BSc (Honours) in Computing

BSc (Honours) in Data Science

BSc (Honours) in Technology Management

Higher Diploma in Science in Computing

MSc in Cloud Computing

MSc in Cybersecurity

MSc in Data Analytics

MSc in Fintech

Bachelor of Science (Honours) in Computing

NFQ Level 8



Course duration –
4 years (8 semesters)



Fees (per year of study) €10,000



Intake September

NCI's innovative BSc (Honours) in Computing will give you programming and advanced problem-solving skills, to create software applications that solve real-world problems. Students can specialise in one of 7 key areas.

Recent recruiters include Amazon, AOL, Bank of Ireland, Dell, Facebook, Ericsson, KPMG, Microsoft, PWC, SAP, Workday. All students in year 3 will receive either a work placement in a Dublin based company or an academic internship. Places with companies are available mainly to high performing students.

About the Course

The work of the computer engineer is visible in our smartphones, our business services, the internet and every aspect of our lives. This growing influence is also obvious in the jobs market. IT professionals are in extremely high demand with a skills shortage in the Information and Communications Technology (ICT) area. This honours degree will equip you with the knowledge and skills to take advantage of this opportunity.

NCI's innovative BSc (Honours) in Computing will give you programming and advanced problem-solving skills, to create software applications that solve real-world problems. This exciting course will expose you to areas like

software development, Gaming Programming, Blockchain, Artificial Intelligence and Machine Learning, Data Analytics, Internet of Things and Digital Business Transformation. In addition you will learn how to apply software engineering principles to develop software applications that may be deployed in the web. You will also develop your creativity and communication skills.

Our comprehensive full-time degree will give you all the essentials of computing and you will then get the opportunity to specialise in your final year. You will choose modules from one of seven

important areas of computer science. These specialist areas will allow you to pursue the area which most interests you and will give you a significant advantage in the jobs market. The course is delivered in state-of-the-art computer laboratories by lecturers who are working in these fields. It is practical in nature throughout and also includes a full semester of work experience.

Who is the course for?

This full-time computing course will appeal to students who wish to consider the possibilities created by information and communications technology.

Industry placement

The programme is industry-focused with a six-month work placement in the third year. NCI students are highly sought after and complete their work experience in companies like Microsoft, O2, ESB, Wells Fargo, Dotmobi, Datalex and Intel.

Further study options

Upon successful completion of the BSc (Honours) in Computing, graduates can progress to postgraduate courses at level 9 on the National Framework of Qualifications such as the MSc in Cybersecurity, MSc in Cloud Computing or the MSc in Data Analytics at National College of Ireland.

Minimum Entry Requirements

IELTS requirement – 6.0. A high standard of Mathematics is required. For more on entry requirements please consult page 22.

A GUIDE TO COURSE CONTENT

YEAR 1

- Computational Thinking
- The Computing Industry
- Problem Solving and Programming Concepts
- Discrete Mathematics
- Web Design and Development
- Digital Multimedia
- Introduction to Programming
- Operating Systems
- Introduction to Data Modelling and Databases
- Computer Architecture

YEAR 2

- Software Quality and Testing
- Advanced Databases
- Object Oriented Programming
- Innovation and Business Entrepreneurship
- Data Structures and Algorithms
- Interdisciplinary Team Project
- Software Engineering

YEAR 3

- Advanced Computer Networks
- Security Fundamentals and Development
- Advanced Programming
- Business and Artificial Intelligence
- Introduction to Artificial Intelligence and Machine Learning
- Project Management
- Work Placement

YEAR 4

- Cloud Application Development
- Computing Project
- IT Governance, Security and Ethics

In year 4, students are allowed choose a specialisation. Current options for specialisations are:

1. Games Programming
2. Software Development
3. Blockchain Technologies
4. Cybersecurity
5. Artificial Intelligence / Machine Learning / Data Analytics
6. Digital Business Transformation
7. Internet of Things

Please visit our website to learn more about the modules covered within each specialisation. Please note that not all specialisations may run for each fourth year cohort and are subject to minimum class sizes.

Bachelor of Science (Honours) in Data Science NFQ Level 8



Course duration –
4 years (8 semesters)



Fees (per year of study) €10,000



Intake September

Data is increasingly used by companies in key areas of the business process, such as sales and marketing, operations, customer services and security. This honours degree will equip the students with the knowledge skills and competence to enable them to apply computing and analytical science and technology in the pursuit of discovering new information by identifying and validating patterns in data.

About the Programme

The course is practical in nature, providing you with knowledge of the way data science can solve real problems and facilitate business decisions based on evidence. It also incorporates work placement in an IT company which will significantly improve your skills and enhance your employability. Due to the shortage of suitably qualified data science professionals in Ireland and internationally, this degree offers exceptional job prospects for graduates.

As a graduate of this course you will be able to:

- Understand how data can be valuable and can help solve business problems and facilitate business decisions.
- Apply data transformation, modelling, mining and machine learning techniques to analyse and derive new knowledge and insight from data.
- Design and implement data science algorithms and applications that solve real-world problems.
- Effectively visualize and communicate the results of data analysis to support business decision making.
- Adopt appropriate professional, ethical, legal, security and privacy principles in the construction and implementation of data science solutions.

Who is this programme for?

This course will appeal to students who are interested to develop computing and numeracy skills and pursue a career in data science. This degree is designed for those with an interest in pursuing sophisticated theory and methods relevant to modern applications requiring large-scale data analysis. It prepares you for cutting edge data handling and analysis for the information challenges of tomorrow.

Future Prospects

Global demand for combined statistical and computing expertise outstrips supply. For graduates in Data Science this shortage presents opportunities to forge careers in a critical area.

The number of jobs in the EU27 plus the UK reached 76 million in 2019, with 459,000 unfilled positions. The data skills gap is forecast to continue in all the forecast scenarios as demand will continue to outpace supply (European Commission, 2020)

Graduates from the BSc (Honours) in Data Science will complete a six-month work placement in industry and on graduation can go on to work with a variety of organisations including multinationals, financial services and professional services companies such as Microsoft, KBC, AIB, Eir, Irish Life. Related data science roles include data scientist, business intelligence

Minimum Entry Requirements

IELTS requirement – 6.0. A high standard of Mathematics is required. For more on entry requirements please consult page 22.

PROGRAMME STRUCTURE

YEAR 1

- Computational Thinking
- Discrete Mathematics
- The Computing Industry
- Problem Solving & Programming Concepts
- Introduction to Data Science
- Programming I
- Introduction to Data Modelling and Databases
- Statistics I
- Computing Systems

YEAR 2

- Data Visualisation
- Programming II
- Advanced Databases
- Statistics II
- Linear Algebra
- IT Project Management
- Programming III
- Data Mining and Machine Learning

YEAR 3

- Data Architecture
- Scalable Data Analytics
- Advanced Machine Learning
- Data Warehousing and Business Intelligence
- Artificial Intelligence
- Work Placement

YEAR 4

- Data Science Project
- Data Governance, Security & Ethics
- Systems Modelling, Simulation & Optimization for Analytics
- Strategic Data Analysis
- Predictive & Prescriptive Analytics
- Text Analytics
- IoT Real Time Analytics
- Financial Data Analysis
- Healthcare Analytics

In years 3 & 4, students will undertake both mandatory and elective modules from the outline module above.

***All modules are indicative only.

Bachelor of Science (Honours) in Technology Management NFQ Level 8



Course duration –
Four years, Full Time



**Fees (per year of
study) €10,000**



Intake September

About the Course

The BSc (Honours) in Technology Management course is designed to enable students to develop and refine business, leadership, and managerial skills with an in-depth understanding of the fundamental principles of management in a technology environment. The course provides a sound knowledge base of technology management principles and their practical application.

As a graduate of this course you will:

- Build a knowledge and understanding of theory, concepts, and methods in the IT and business fields in particular in the following areas (according to specialisation): information systems, business analysis, data analysis, social media.
- Gain a detailed knowledge and understanding of how to develop the organisation's IT strategy, the expertise required for successful information systems management, and how the business environment in technology operates.
- Analytically identify, select, formulate and manage strategies and solutions in business and technology management.
- Organise teams in an information technology environment with an understanding of the different roles.
- Learn to use different technology resources, such as data and information systems, to inform decision making.
- Apply appropriate independent learning strategies which meet the requirements of the rapidly changing computing industry.
- Express a comprehensive view through presentations, both written and oral.
- Answer questions on the theoretical and practical context of technology management.
- Gain a view of how humans perceive and react to change, and the importance of culture and leadership in an organisation.

Work Experience

The course is industry focused with a six-month work placement. NCI students are highly sought after and have completed work experience in companies like Microsoft, O2, ESB, Wells Fargo, Dotmobi, Datalex and Intel.

Further Study Options

Upon successful completion of the BSc (Honours) Degree in Technology Management, graduates can progress to postgraduate programmes at level 9 on the National Framework of Qualifications such as the MSc in Fintech and MSc in Data Analytics at National College of Ireland.

Who is the course for?

If you are interested in IT and business this course will appeal to you. The course is for school leavers, mature students and graduates of QQI level 5/6 programmes who wish to embark on a course of full-time study.

Minimum Entry Requirements

IELTS requirement – 6.0. For more on entry requirements please consult page 22.

A GUIDE TO COURSE CONTENT

YEAR 1

Semester 1

- Problem Solving and Programming Concepts
- Introduction to Mathematics for Business and Computing
- Web Design
- The Computing Industry
- Managing Your Learning

Semester 2

- Software Applications for Business
- Introduction to Management
- Digital Multimedia
- Introduction to Marketing
- Introduction to Programming

YEAR 2

Semester 1

- Introduction to Databases
- Fundamentals of Business Analysis
- IT Project Management
- Web Application Development
- Organisational Behaviour

Semester 2

- Introduction to Human Resource Management
- Data Communications and Networking
- Interdisciplinary Team Project
- Business Entrepreneurship
- Principles of Accounting

YEAR 3

Semester 1

- Advanced Databases
- Team Project
- Accounting for Business
- Business Intelligence and Data Warehousing

Semester 2

- Work Placement*

*Full six months within an organisation

OR

Academic Internship

- Business Application Development
- Business Communication Skills
- Application Lifecycles

Year 4 - Choose a Specialisation

Year 4 - Data Analytics Specialisation*

Semester 1

- Project
- Global Supply Chain Management
- Business Data Analysis
- Programming for Big Data
- Strategic Management
- Information Systems Management

Semester 2

- Project
- Data and Web Mining
- Advanced Business Data Analysis

Year 4 - Business Analysis Specialisation*

- Project
- Global Supply Chain Management
- Requirements Management
- Business Data Analysis
- Strategic Management
- Information Systems Management

Semester 2

- Project
- Agile Project Management
- Business Process Management

Graduates from this course are working within companies including **Google, Citi, Hertz, Dell, BNY Mellon, Electric Ireland, Hewlett Packard, OmniPay, and Realex Payments.**

*In your 4th year of study you choose one of the above specialisations

Higher Diploma in Science in Computing

NFQ Level 8



Course duration –
12 months



Fees (per year of study) €12,000



Intake September, January

Ireland is one of the largest tech hubs in Europe. The Irish tech sector is growing at 5 times the rate of Ireland's economy. We have seen exponential growth in the number of tech jobs available in recent years which is expected to continue rising into the future.

About the Course

The Higher Diploma in Science in Computing is a Level 8 course on the National Framework of Qualifications (NFQ). The course will teach you the computing fundamentals, complemented with detailed knowledge, problem-solving and specialised technical skills required for designing, developing and deploying software.

Within this course offering, during the second semester, the learners study a stream focused set of modules in the area of Software Development specialisation.

Who is the course for?

This course will appeal to graduates with a level 8 degree from different backgrounds who wish to change their non-computing qualification into the tech field through a level 8 award in computing. It will also appeal to technical and non-technical professionals who would like to upgrade their skills in the Software Development specialisation provided by this course, helping them to progress faster in their employment or to apply the knowledge in their current role.

Future Prospects

Students who successfully complete this course may be eligible to progress to a Master's programme (Level 9 on NFQ) in a specialised area of computing such as MSc in Data Analytics, MSc in Cyber Security, MSc in Cloud Computing and MSc in Fintech.

Graduates may also avail of entry-level ICT-related positions, such as software developer, front-end developer, web developer, software tester, and quality assurance software tester.

Minimum Entry Requirements

IELTS requirement – 6.0. Applicants with an equivalent to an Irish Level 8 Honours degree in any discipline will be considered. For more on entry requirements please consult page 22.

COURSE STRUCTURE

Semester 1

- Software Development
- Object Oriented Software Engineering
- Introduction to Databases
- Web Design and Client Side Scripting

Semester 2

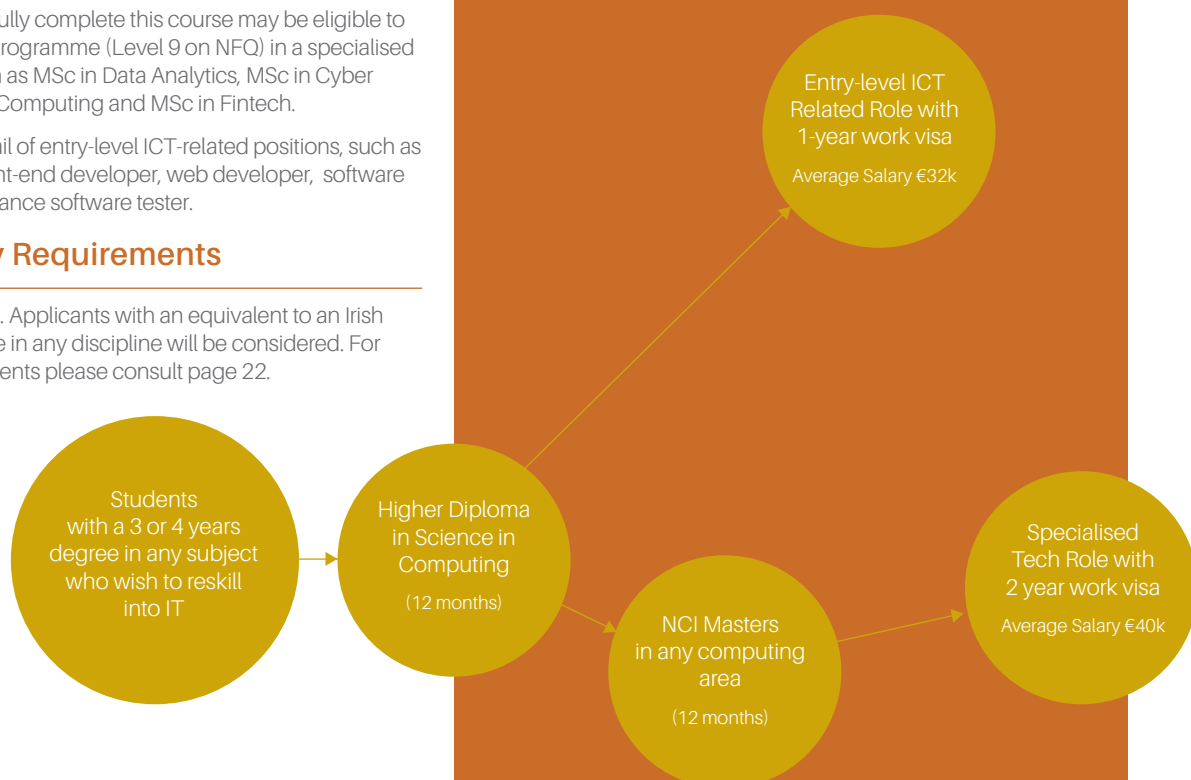
- Computer Architecture Operating Systems and Networks

Software Development stream/ specialisation modules:

- Data Structures
- Algorithms and Advanced Programming
- Distributed Systems

Semester 3

- Project



Master of Science in Cloud Computing

NFQ Level 9



Course duration –
12 months



Fees €15,000



Intake September,
January

Study at our state-of-the-art Cloud Competency Centre, where you will gain experience with the latest design principles, models, and technologies in cloud computing. Recent recruiters include Citi, Deloitte, Fidelity, IBM, Workday, Codefarm, DPD Ireland.

About the course

This course will provide you with the latest knowledge and competencies required by the fastest growing global industry: the cloud. Cloud computing has become a multi-billion euro industry and this course offers specialisations in two key areas: Infrastructure (IaaS - Infrastructure as a Service) and Development (SaaS - Software as a Service). The course is delivered by faculty and industry practitioners with proven expertise in cloud computing.

As a graduate of this course you will be able to:

- Create and deploy commercial multi-tier applications onto multiple (public/hybrid) cloud platforms.
- Plan and architect highly-scalable computing/data analytics solutions for business and scientific needs.
- Design pattern-based application code to run efficiently in a cloud environment.
- Evaluate security strategies associated with cloud computing and apply them to ensure the technical sustainability of an organisation.
- Perform a migration from a traditional ICT environment to a cloud-based platform.
- Manage the process of running an IT department from a cloud environment.

Who is this course for?

This computing course will appeal to computer science or certain engineering graduates, ICT industry practitioners, system administrators, and those with an interest in gaining practical experience and developing an excellent career in the area of cloud computing.

Future prospects

Of our 2018 graduates, 100% were in employment within 6 months of graduating. Graduates from this programme are working in positions such as Software Developer, IT Security Engineer, Web Developer, Cloud Developer in companies such as IBM, Citi, Deloitte, Sogeti, Workday and Fidelity.

Minimum Entry Requirements

IELTS requirement – 6.0. Applicants with an equivalent to an Irish Level 8 Honours degree in a STEM subject with programming knowledge will be considered. For more on entry requirements please consult page 22.



Douglas Usman MSc in Cloud Computing, Nigeria

"Most of the big name companies are around NCI. This gives you that first impact when you see the company is right in front of you. NCI gives you the platform to achieve your dreams."

COURSE STRUCTURE

Semester 1

- Cloud Architectures
- Cloud DevOpsSec
- Cloud Platform Programming
- Innovation 1
- Blockchain Concepts and Technologies

Semester 2

- Research in Computing
- Fog and Edge Computing
- Scalable Cloud Programming
- Innovation 2
- Cloud Machine Learning
- Quantum Computing

Semester 3

- Data Governance, Compliance and Ethics
- Research Project

For details of mandatory and elective modules please consult the programme pages online at www.ncirl.ie

Master of Science in Cybersecurity

NFQ Level 9



Course duration –
12 months



Fees €15,000



Intake September,
January

Cybersecurity is essential in today's society in which information technology and services pervade every aspect of our lives. Companies recruiting Cybersecurity graduates in Ireland include Accenture, Morgan McKinley, KPMG, PWC, Deloitte, Grant Thornton

About the Course

Cybersecurity is an essential need for a modern society in which information technology and services pervade every aspect of our lives. Cybersecurity has the fastest growth rate among all areas of IT, with the labour market encountering a severe workforce shortage in this field.

The aim of this programme is to provide learners with essential expert technical knowledge, competence and research skills of the most important technical concepts of cybersecurity and how they are applied in emerging areas such as device security and forensics.

The course is technical and practical in nature, uniquely embedded in industry, and develops in-depth expertise of core technical topics within the area of cybersecurity such as information security, secure programming, network security, penetration testing, malware analysis, IT law and ethics, and technologies and tools that support application and service vulnerability detection, incident detection, data and log retrieval and analysis.

Several reports highlight the skills shortage in cybersecurity. The Bureau of Labour Statistics projects 36.5 percent employment growth for information and cybersecurity experts and analysts by 2022. This field has the fastest growth rate when compared with the rest of technology jobs.

The US News and World Report published in 2015 has highlighted that information security is considered one of the best jobs for the next seven years. Ireland has a strong presence of companies in cybersecurity.

The top 5 worldwide companies in this field are located in Ireland. Considering the high demand of various types of jobs in the cybersecurity domain that currently exist in the market, graduates from this course may work in the following roles: information security analyst, secure application developer, cybersecurity tester, risk advisory on information security and forensics, cloud security analyst, etc.

Who is the course for?

This course is ideal for ICT professionals or graduates with an honours degree in computing/computer science or in a cognate area (STEM) that wish to develop a career as a cybersecurity professional; to take a leading technical or managerial role; to progress faster in their employment or to apply the knowledge in their current role.

Candidates who do not hold a computing degree and are currently working in the IT sector may be considered based on relevant academic qualifications or extensive work experience.

Candidates are expected to have programming ability to join this course.

Future Prospects

Several reports highlight the skills shortage in cybersecurity. The Bureau of Labour Statistics projects 36.5 percent employment growth for information and cybersecurity experts and analysts by 2022. This field has the fastest growth rate when compared with the rest of technology jobs.

The US News and World Report published in 2015 has highlighted that information security is considered

one of the best jobs for the next seven years. Ireland has a strong presence of companies in cybersecurity.

The top 5 worldwide companies in this field are located in Ireland. Considering the high demand of various types of jobs in the cybersecurity domain that currently exist in the market, graduates from this course may work in the following roles: information security analyst, secure application developer, cybersecurity tester, risk advisory on information security and forensics, cloud security analyst, etc.

Minimum Entry Requirements

IELTS requirement – 6.0. Applicants with an equivalent to an Irish Level 8 Honours degree in a STEM subject with programming knowledge will be considered. For more on entry requirements please consult page 22.

COURSE STRUCTURE

Semester 1

- Secure Programming for Web
- Security Fundamentals
- IT Law and Ethics
- Network Security and Penetration Testing

Semester 2

- Research in Computing
- Secure Programming for Application Development
- Cryptography
- Forensics and eDiscovery
- Cloud Security
- Malware Analysis
- Incident Response and Analytics

Semester 3

- Research Methods or Internship

For details of mandatory and elective modules please consult the programme pages online at www.ncirl.ie

Master of Science in Data Analytics

NFQ Level 9



Course duration –
12 months



Fees €15,000



Intake September,
January

Producing high-quality, technically competent, innovative graduates that will become leading practitioners in the field of data analytics. Recent recruiters include Accenture, Equifax, KBC Bank, Bank of America Merrill Lynch, Alcon, Groupon

About the course

The course structure accommodates a wide audience of learners whose specific interests in data analytics may be either technically focused or business focused. All students will also gain exposure to pertinent legal issues and product commercialisation considerations associated with the data analytics field.

The course will be delivered using academic research, industry-defined practical problems, and case studies. This approach will naturally foster a deeper knowledge of the subject area and create transferable skills for work such as critical thinking, problem-solving, creative thinking, communication, teamwork and research skills. The course is completely delivered by faculty and industry practitioners with proven expertise in data analytics.

Students on the course also have free access to DataCamp, a website which allows students to revisit and reinforce the knowledge acquired during lectures when and where they like.

Upon completion of this course, graduates will be able to:

- Conduct independent research and analysis in the field of data analytics.
- Implement a research idea using the latest industry practices.
- Demonstrate expert knowledge of data analysis and statistics.
- Critically assess and evaluate business and technical strategies for data analytics.
- Develop and implement business and technical solutions for data analytics.

Who is this course for?

This course is ideal for graduates that are looking to progress into the emerging data analytics market to increase their employment potential. The course is suitable for graduates who have technical or mathematical problem solving skills. Graduates from disciplines that have not developed these skills will need to be able to demonstrate an aptitude for technical or mathematical problem solving.

Future prospects

100% of our 2016 graduates of the MSc in Data Analytics were in employment within 6 months of graduating. This course propels you into a career in the booming data analytics sector. Recent graduates of this course are now in positions such as Systems Analyst, Data Engineer, Senior Business Intelligence Analyst, Data Analytics Developer and Data Scientist in companies which include Accenture, Equifax, Groupon, Bank of America Merrill Lynch and CityJet.

Minimum Entry Requirements

IELTS requirement – 6.0. Applicants with an equivalent to an Irish Level 8 Honours degree in a STEM subject with programming knowledge will be considered. For more on entry requirements please consult page 22.



Sneha Muralidharan MSc in Data Analytics, India

"In NCI, they don't just teach you, they make you strong, they make you bold and they help you to make your own decisions. They mould you in a way that your skills will be required by companies and as an NCI graduate, you will be recognised by these employers."

COURSE STRUCTURE

Semester 1

- Statistics for Data Analytics
- Database and Analytics Programming
- Data Mining and Machine Learning I
- Business Intelligence and Business Analytics
- Data Intensive Architectures
- Innovation I

Semester 2

- Data Mining and Machine Learning II
- Modelling, Simulation and Optimisation
- Research in Computing
- Domain Applications of Predictive Analytics
- Scalable Systems Programming
- Innovation II

Semester 3

- Data Governance & Ethics
- Research Project

For details of mandatory and elective modules please consult the programme pages online at www.ncirl.ie

Master of Science in Fintech

NFQ Level 9



Course duration –
12 months



Fees €15,000



Intake September

Financial Technology (Fintech) is concerned with the use of technology to make financial transactions more efficient. Graduates in this field will have a good understanding of finance, accounting, business information systems and analytic methods. Companies recruiting Fintech graduates include Paypal, Realex, KPMG, Linked Finance, Accenture, Bank of America Merrill Lynch, and Aon.

About the Course

Finance, stereotypically is seen as a highly regulated industry dominated by banks that resist disruption and change. However, finance is now riding an entrepreneurial wave due to an influx of highly available and powerful computing resources and electronic services, accessible forms of data analytics, and disruptive technologies like Bitcoin, WePay and Kickstarter. This course will provide you with the latest knowledge and competencies at the intersection of finance and technology; the rapidly evolving area that is Fintech.

NCI is perfectly placed to deliver an industry focused programme inspired by its location at the heart of the International Financial Services Centre. The course is completely delivered by faculty and industry practitioners with established experience in the Fintech domain.

Who is the course for?

This interdisciplinary course will appeal to graduates of finance, computing and business seeking to enter the area of Fintech; and industry practitioners seeking to gain insightful experience and exposure to the Fintech domain and its associated areas of, for example, data analytics, electronic services, e-cash, as well as related future and emerging technologies.

Future Prospects

If you are thinking about a career as a financial technologist, there's good news: there's a major Fintech job boom underway. Graduates will work as Innovation Officer, Data Specialists, Analytics Analyst, Product Manager, Blockchain Strategy Associate, Fintech Account Manager and Cryptoasset analyst.

Minimum Entry Requirements

IELTS requirement – 6.5. Applicants with an equivalent to an Irish Level 8 Honours degree in either a Finance or a STEM subject will be considered. For more on entry requirements please consult page 22.

The Irish Government recently announced the creation of 10,000 additional Fintech jobs in the next five years to ensure Ireland becomes a global leader in the Fintech sector.

“FinTech transactions will reach \$10.25 trillion by 2025”

COURSE STRUCTURE

Semester 1

- Financial Markets
- Information Assurance and Cybersecurity
- Data Analytics
- Data Governance and Compliance

Semester 2

- Contemporary Topics in Fintech
- Financial Analytics
- Blockchain Technologies
- Digital Forensics and Auditing
- Crowd Markets

Semester 3

- Entrepreneurship in Fintech
- Industry Based Research Project

For details of mandatory and elective modules please consult the programme pages online at www.ncirl.ie



NCI gave me the opportunity to revise my resume from the old one to a better one. Now I am working in Facebook as a Data Analyst. I chose NCI because it has a great reputation in Cloud Computing and Data Analytics.

I like the proximity of everything. The transportation is much more convenient and also the people are really friendly.

My favourite thing on the programme is the experienced lecturers. They teach you what needs to be done in understanding data and deep diving into data analytics as a topic.

Qadirah Chan Latif
MSc in Data Analytics
Malaysia
Now working in Facebook



Education Courses

BA Hons in Early Childhood Education and Care

BA (HONOURS) IN EARLY CHILDHOOD EDUCATION AND CARE



Course duration –
Four Years Full-Time



Fees (per year of study) €10,000



Intake September

About the Course

This comprehensive honours degree programme in Early Childhood Education and Care is a four-year degree award. It is designed for people who are interested in pursuing opportunities in the Early Childhood Education and Care (ECEC) sector. This is a sector that is experiencing a growing demand, as research shows us the vital importance of early childhood education and care in shaping children and our society.

During the course you will cover a range of subjects to gain a deep understanding of the holistic development of babies and children from birth to six years of age. This course will give you professional knowledge and skills to work with children and their families during their crucial early childhood years. A specialised 'Education play-lab' at NCI will provide opportunities for 'hands on' student learning.

The aim of the degree is to provide you with a firm foundation in Early Childhood Education and Care, to practice in a range of professional settings. It will give you a comprehensive foundation in the principles and pillars of professional practice, a solid theoretical framework and exposure to practical experience through professional placements during your four years of study.

The course incorporates key topics including Holistic Child Learning/Development; Health, Nutrition and Wellbeing; Essential Legislation and Regulatory Practices; Music, Movement, Art and Drama; Creativity and Play; Core Pedagogies and curricula in ECEC; Working in Multi-Professional Environments; Parent/Family Participation; as well as aspects of leadership, management

and governance in the sector. Students are encouraged to think critically, reflect, inquire and investigate a range of theoretical and practical pedagogical approaches to learning, development and care in early childhood.

NCI has a long tradition of working with educators, and this exciting programme will equip you to achieve your ambitions in ECEC.

Course Structure and Award

The Bachelor of Arts Honours in Early Childhood Education is a four-year honours degree, awarded by QQI at level 8 on the National Framework of Qualifications.

The course will be delivered over four years. Each year has two semesters for a duration of twelve weeks of teaching per semester.

Professional Recognition

This degree is recognised by the Department of Education and Skills (DES) as Initial Professional Education (IPE), to practice as professional Early Childhood Educators in ECEC also called the Early Learning and Care sector in Ireland. The programme meets the approval of the QAB (Quality Assurance Board) at the Department of Education and Skills, as it meets the professional awards criteria guidelines (PACG 2019).

This programme is also on the list of approved programmes by the Department of Children and Youth Affairs (DCYA) as acceptable qualifications for practice – or meeting the requirements of the regulations and the DCYA Childcare Programme of Contracts (DCYA, 2016).

Professional Placement

An essential and hugely beneficial key element of the programme is the strong emphasis placed on supervised professional practice placement in diverse Early Childhood, included on the course from year one. Over the four years of the programme, more than 1,000 hours are specially allocated to supervised-placement-related activities. Among other skills, such as observations and ethical practice, the placement includes planning and developing curriculum for young children. The final year provides an opportunity for students to combine their experiences and skills in a practice-based capstone project.

Career Prospects

On completion, you will possess the skills to work as a room leader or supervisor, working directly with children, as a setting-based practitioner or manager, in advisory, mentorship, training and leadership roles.

Government strategies have set out a vision for a graduate-led workforce in ECEC and the ECCE Scheme (free preschool years) also offers a higher capitation fee to providers where all leaders are degree qualified. These changes highlight the opportunities for graduates from this programme. Recently, the Irish Govt. has restated their commitment by launching 'First Five' – a whole of Govt strategy to improve the lives of babies, young children and their families, over the next 10 years (2019-2028). This strategy aims to move progressively towards a graduate led professional workforce.

Who is the course for?

This course is ideally suited to those who would like to work with or for babies and young children and their families from birth to six in the ECEC sector. You should apply for this course if you want to work as a setting-based educator, a manager in a crèche, if you'd like to work in a Naíonraí, special needs environment, as a childminder, home visitor, or work in early years' intervention programmes, or if you'd like to be an inspector/evaluator, mentor, for the Health Service Executive, DES or TUSLA (the child and family support agency and curriculum trainers).

Further Study Options

Upon successful completion students may progress to the Postgraduate Diploma in Educational Practice in Teaching for Further Education at NCI or the NCI Master of Arts in Educational Practice or other postgraduate programmes. Alternatively, they may progress their studies into specialised graduate study areas such as, policy development, play therapy or childhood studies.

Minimum Entry Requirements

IELTS 6.5 with 6.5 in Speaking and no other band less than 6.0. For more on entry requirements please consult page 22.

Garda Vetting

All applicants will be required to be Garda vetted as part of the admission process. International applicants will also require a police clearance certificate from their home country.

A GUIDE TO COURSE CONTENT

YEAR 1

- Holistic Child Learning and Development
- Foundations of Early Childhood Education and Care*
- Music, Movement, Art and Drama
- Academic Foundations and Scholarship
- Essential Legislation and Regulation in ECEC*
- Child Health Nutrition and Wellbeing*

YEAR 2

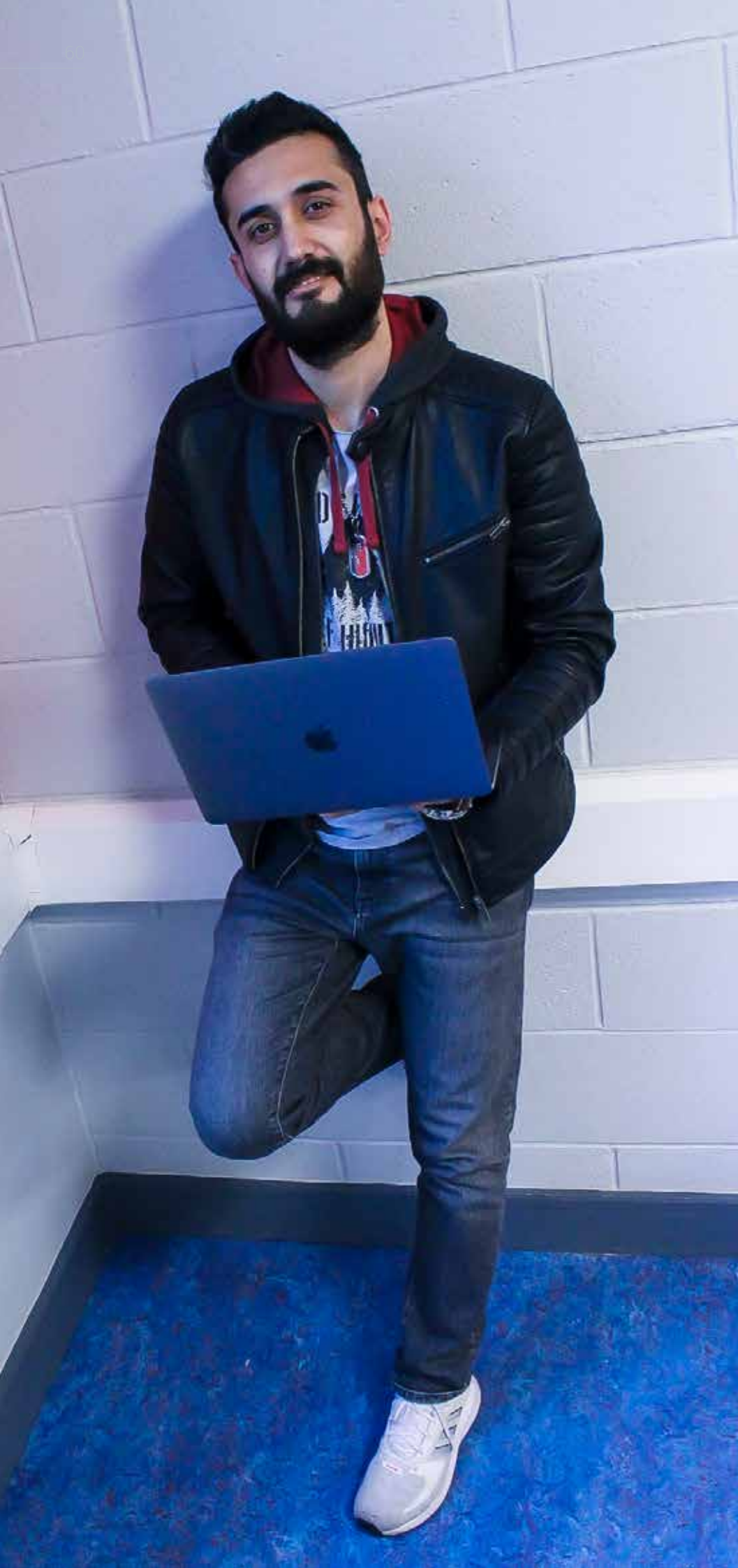
- Core Pedagogies and Curriculum in ECEC
- Dispositions and Dynamics of Behaviour in Children
- Managing your Learning and Academic Practice
- Supervised Professional Practice Placement: Observation and Reflection in ECEC Practice
- Play and Creativity in ECEC
- Diversity and Pluralism in Learning Language and Literacies
- Play and Creativity in ECEC
- Diversity and Pluralism in Learning Language and Literacies

YEAR 3

- Quality Assurance in ECEC Environments
- Early Learning in a Digital World
- Inquiry Learning – Design and Evaluation of Curriculum in ECEC
- Supervised Professional Practice Placement: Application of Strategies in Learning Environments in ECEC Practice
- The Child Family and Society – Stakeholder in ECEC
- Leadership and Governance in ECEC Environments

YEAR 4

- ECEC Research Methods and Inquiry
- Social, Political and Cultural Contexts of ECEC
- Working in Multi Professional Contexts
- Personal and Professional Identity
- Capstone ECEC Practice based Project



Contact Us

National College of Ireland

Mayor Street
IFSC
Dublin 1
Ireland

Tel: 00353 1 4498500

Email: international@ncirl.ie

www.ncirl.ie/international

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Prospectus information

This prospectus has been drafted approximately two years in advance of the academic year to which it applies. While every effort has been made to ensure that the information contained in this prospectus is fair and accurate at the time of going to press, changes are likely to occur given the interval between drafting/publication and commencement of the course. Financial information may also be subject to change. It is therefore very important

that you check our website for any updates before you apply for the course by visiting www.ncirl.ie/international. Where there is a difference between the contents of this prospectus and our website, the contents of the website take precedence and represent the basis on which we intend to deliver our educational services to you.

Any offer of a place to study at the college is subject to terms and conditions which can be found online. You are advised to read these before making an application. The terms and conditions set out when, for example, we might make changes to your chosen course, to the fees payable or to student regulations with which all students are required to comply. It is therefore important you read and take note of them.

Any complaints concerning the fairness or accuracy of this prospectus should be addressed in writing to the Registrar, who will investigate the matter and reply within a reasonable period of time.