Irish Aid

Rialtas na hÉireann
Government of Ireland

Ireland Fellows Programme

2022-2023 Directory of Eligible Postgraduate Programmes in Irish Higher Education Institutions

Important Information for Applicants

ABOUT THIS DIRECTORY

This directory should be read alongside the guidance notes and the programme application form. These notes explain the application process and you are advised to study them carefully.

On your application form, you are required to identify the *specific* postgraduate programme(s) <u>in order of preference,</u> which you are interested in undertaking, based on the information in this directory <u>and</u> the latest details provided by the relevant institution. You should not rely solely on the information in this document, as the information about programmes provided by institutions at the time of publishing this directory may be subject to change. **Before preparing or submitting an application, you are advised to check all details with the online information provided by the college. You should particularly ensure that you meet all eligibility requirements for the selected programme(s).** It is also important that you research the institution(s) you propose to study at to ensure that it is a good fit for you and will meet your expectations.

Information on making a programme application will be provided to candidates shortlisted by the Embassy of Ireland in March 2022. **Fellowship applicants are advised NOT to apply for any programmes in Ireland until after they have been shortlisted for a Fellowship award following interviews (Stage 3).** Please note that application fees will be paid by the Department of Foreign Affairs for *shortlisted candidates only*. Reimbursements will not be made where a shortlisted candidate applies for a programme before being formally approved by the Embassy of Ireland to do so.

FELLOWSHIP STRANDS INCLUDED

This directory covers all programmes offered under the following strands of the Ireland Fellows Programme:

Ireland Fellows Programme – Africa
Ireland Fellows Programme – Asia
Ireland Fellows Programme – Kadar Asmal Fellowship Programme
Ireland Fellows Programme – Ireland-Palestine Scholarship Programme

PROGRAMME SELECTION

It should be noted that some sections of the directory may not be available to applicants for all strands and countries, reflecting programme priorities of the Embassy of Ireland in those countries. These sections are clearly marked in the table of contents.

In addition to ensuring you select programmes which are available to applicants from your country, you must also select programmes from this directory that align with your academic and professional experience. Furthermore, *to maximise your chances of receiving a course place offer if shortlisted by the Ireland Fellows Programme, applicants are strongly advised to select three programmes at three different institutions.*

All shortlisted candidates after Stage 3 will be invited to apply to <u>two</u> of the programmes in Ireland that they have listed on their application form. Where possible, priority will be given to the top 2 programmes listed. It is very important to carefully consider the order in which you list the programmes on your application form.

WEB ADDRESSES

Throughout the listings, many long web addresses for programme information have been shortened, for example: www.bit.ly/qEdRCn. This format allows for easier transcription, if required. Any capitalisation should be noted

accurately as these shortened addresses are case-sensitive. While every effort has been taken to ensure all website links work, these links may change after the publication of the directory, but all programmes can be found by going directly to the institution's website.

ENGLISH LANGUAGE PROFICIENCY

Irish higher education institutions require a high standard of English language proficiency and this must be formally certified, normally through the International English Language Testing System (IELTS - www.ielts.org). IELTS examines competency in English language across reading, writing, speaking and listening and is necessary for admission to all Irish HEIs.

While we have made every effort to identify the IELTS score requirement for each score in this directory, applicants are asked to please check the programme webpage or contact the college directly to confirm the IELTS requirements for any programme(s) they are considering applying to.

PROGRAMMES THAT INCLUDE INTERNATIONAL FIELD TRIPS

Some of the programmes included in this directory include the option of a fieldtrip abroad. It is important to note when selecting programmes that the Ireland Fellows Programme does not provide funding for participation in optional international fieldtrips.

	KEY TO IRISH UNIVERSITIES, INSTITUTES OF TECHNOLOGY AND COLLEGES WITH LISTED PROGRAMMES		
AIT	Athlone Institute of Technology	Athlone	www.ait.ie
DBS	Dublin Business School	Dublin	www.dbs.ie
DCU	Dublin City University	Dublin	www.dcu.ie
DKIT	Dundalk Institute of Technology	Dundalk	www.dkit.ie
GCC	Griffith College Cork	Cork	www.griffith.ie
GCD	Griffith College Dublin	Dublin	www.griffith.ie
GCL	Griffith College Limerick	Limerick	www.griffith.ie
GMIT	Galway-Mayo Institute of Technology	Galway	www.gmit.ie
ITC	Institute of Technology, Carlow	Carlow	www.itcarlow.ie
LIT	Limerick Institute of Technology	Limerick	www.lit.ie
MIC	Mary Immaculate College	Limerick	www.mic.ie
MTU	Munster Technological University	Cork / Kerry	www.mtu.ie
MU	Maynooth University	near Dublin	www.maynoothuniversity.ie
NCAD	National College of Art and Design	Dublin	www.ncad.ie
NCI	National College of Ireland	Dublin	www.ncirl.ie
NUIG	National University of Ireland, Galway	Galway	www.nuigalway.ie
SAC	St. Angela's College	Sligo	www.stangelas.nuigalway.ie
SCHM	Shannon College of Hotel Management	Clare	www.nuigalway.ie/shannoncollege
TCD	Trinity College Dublin	Dublin	www.tcd.ie
TUD	Technological University Dublin	Dublin	www.dit.ie
UCC	University College Cork	Cork	www.ucc.ie
UCD	University College Dublin	Dublin	www.ucd.ie
UCDMS	UCD Michael Smurfit Business School	Dublin	www.smurfitschool.ie
UL	University of Limerick	Limerick	www.ul.ie
WIT	Waterford Institute of Technology	Waterford	www.wit.ie

Map of Ireland

The cities and towns with universities, institutes of technology and colleges that are included in this directory are ==highlighted== below (for a listing of the institutions, please see p iii)

TABLE OF CONTENTS

Please check through all broad subject categories below to ensure that you have considered all available programmes in your field(s) of interest.

B4	MSc in Renewable Energy Systems	DKIT
B5	MSc in Sustainable Energy	TCD
B6	MSc in Sustainable Energy and Green Technologies	UCD
B7	ME in Sustainable Electrical Energy Systems	TUD
B8	MSc in Energy Science	TCD
B9	MSc in Sustainable Energy Engineering	WIT
B10	MEngSc in Sustainable Energy	UCC
B11	MSc in Energy Management	TUD
B12	ME in Sustainable Infrastructure	TUD
B13	MSc in Innovative Technology Engineering	WIT
B14	MSc in Mechanical Engineering	TCD
B15	MSc in Transport Engineering, Policy & Planning	TCD
B16	MEngSc in Structural Engineering	UCD
B17	MEngSc Chemical Engineering	UCD
B18	MEng in Applied Materials	ITC

See also:

E14	MSc in Bioprocess Engineering	DCU
E29	MEngSc in Optical Engineering	UCD
K3	MEngSc in Food Engineering	UCD

C   Development Studies, Human Rights, Peace Studies, International Relations, Politics, Public Policy

Not available to applicants from: Eswatini

C1	MA in Public Advocacy and Activism	NUIG
C2	MA in Environment, Society and Development	NUIG
C3	MSc in Human Rights	UCD
C4	MSc in Humanitarian Action	UCD
C5	MA in International Development	MU
C6	MA in International Development Practice	NUIG
C7	MSc in Economics – International Development	TCD
C8	MA in International Development	UCD
C9	MSc in International Development	UCD
C10	MPhil in International Peace Studies	TCD
C11	MSc in International Politics	TCD
C12	MA in International Relations	DCU
C13	MA in International Relations	UCC
C14	MA in International Studies	UL
C15	MA in International Security and Conflict Studies	DCU
C16	MA in Peace and Conflict	UCD
C17	MSc in Peace and Conflict	UCD
C18	MA in Peace and Development Studies	UL
C19	MA in Philosophy, Politics and Economics	MU
C20	MA in Public Affairs and Political Communication	TUD
C21	MSc in Public Policy	DCU
C22	MSc in Government and Politics	UCC
C23	MSc in International Public Policy and Diplomacy	UCC
C24	MPhil in Race, Ethnicity and Conflict	TCD
C25	MA in Race, Migration and Decolonial Studies	UCD

C26	MA in Refugee Integration	DCU

See also:

H1	MSc in Equality Studies	UCD
H7	MA in Gender, Politics, and International Relations	UCD

D   International Law, Human Rights Law, Business Law

Not available to applicants from: Eswatini, Namibia

D1	LLM (International Business Law)	MU
D2	LLM (Business Law)	UCC
D3	LLM in International and Comparative Law	TCD
D4	LLM in International and Comparative Disability Law and Policy	NUIG
D5	LLM in International Human Rights	NUIG
D6	LLM in International Human Rights	UCD
D7	LLM (International Human Rights and Public Policy)	UCC
D8	LLM/MA in Human Rights in Criminal Justice	UL
D9	LLM (International Justice)	MU
D10	MSc in International Law & Business	UCD
D11	LLM (Global Legal Studies)	MU
D12	LLM (Marine and Maritime Law)	UCC
D13	LLM in International Migration and Refugee Law and Policy	NUIG
D14	LLM in Peace Operations, Humanitarian Law and Conflict	NUIG

See also:

A29	LLM in Environmental and Natural Resources Law	UCC
H1	MSc in Equality Studies	UCD

E   Health, Medicine, Pharmacy, Biotechnology and relate

Not available to applicants from: Eswatini, Namibia

E1	Master of Public Health	UCD
E2	Master of Public Health	UCC
E3	Master of Health Sciences in International Healthcare Management	SAC
E4	MSc in Advanced Healthcare Practice	UL
E5	MSc in Community Health	TCD
E6	MSc in Global Health	TCD
E7	MSc in Science and Health Communication	DCU
E8	MSc in Immunology and Global Health	MU
E9	MSc in Immunology	TCD
E10	MA in Addiction Studies	DBS
E11	MSc in Biotechnology	UCC
E12	MSc in Clinical Research	NUIG
E13	MSc in Diagnostics and Precision Medicine	DCU
E14	MSc in Bioprocess Engineering	DCU
E15	MSc in Health Informatics	UL

E16	MSc in Behavioural Neuroscience	UCD
E17	MSc in Nursing	MTU
E18	MSc in Nursing Studies	UL
E19	MSc in Nursing in Leadership and Quality Healthcare	AIT
E20	MSc In Professional Nursing Practice	DKIT
E21	MSc in Pharmaceutical Sciences	TCD
E22	MSc in International Pharmaceutical Business Management	GCC
E23	MSc in Pharmaceutical Business and Technology	GCD
E24	MSc in Pharmaceutical Quality Assurance & Regulation	TUD
E25	MSc in Chemistry – Analysis of Pharmaceutical Compounds	UCC
E26	MSc in Advanced Physiotherapy Studies	UCD
E27	MSc in Regenerative Medicine	NUIG
E28	MSc Medical Device Design	NCAD
E29	MEngSc in Optical Engineering	UCD

F   Education

Not available to applicants from: Eswatini, Namibia

F1	MA in Child, Youth & Family Studies	ITC
F2	MA in Child, Family & Community Studies	TUD
F3	MA in Leadership in Early Years Education and Care	ITC
F4	MA in Education	UCD
F5	Masters in Education	TCD
F6	Master of Education	MIC
F7	MEd in Adult and Community Education	MU
F8	MA in Applied Linguistics	MIC

G   Sociology, Social Policy, Social Research and related

Not available to applicants from: Eswatini, Namibia

G1	MSc in Disability	UCD
G2	MSc in Global Solutions	UCD
G3	MPsychSc in Psychological Science	UCD
G4	MSocSc in Rights and Social Policy	MU
G5	MSc in Comparative Social Change	TCD
G6	MSc in Social Data Analytics	UCD
G7	MSocSc in Social Policy	UCC
G8	MSc in Applied Social Research	TCD
G9	MA in Sociology (Applied Social Research)	UL

H   Women's Studies, Gender Studies and Equality Studies

Not available to applicants from: Eswatini, Namibia

H1	MSc in Equality Studies	UCD
H2	MA in Gender Studies	UCD
H3	MPhil in Gender and Women's Studies	TCD

H4	MA in Women's Studies	UCC
H5	MA in Gender, Diversity, and Inclusion	MU
H6	MA in Global Women's Studies: Gender, Globalisation and Rights	NUIG
H7	MA in Gender, Politics, and International Relations	UCD
H8	MA in Gender, Sexuality and Culture	UCD

I   Information Systems, Communications Technology, Digital Media

Not available to applicants from: Eswatini, Namibia

I1	MSc in Artificial Intelligence	DBS
I2	MSc in Artificial Intelligence	MTU
I3	MSc in Software Design with Artificial Intelligence	AIT
I4	MSc In Data Analytics	DKIT
I5	MSc in Big Data Management and Analytics	GCD
I6	MSc in Data Analytics	LIT
I7	MSc in Data Analytics	NCI
I8	MSc in Data Science	ITC
I9	MSc in Business Analytics	DBS
I10	MSc in Computing	DKIT
I11	MSc in Computing	GCD
I12	MBA in Cloud Computing	DBS
I13	MSc in Cloud Computing	NCI
I14	MSc in Software Design with Cloud Native Computing	AIT
I15	MSc in Software Engineering	AIT
I16	MA in Creative Practice	GMIT
I17	MA in Interaction Design	NCAD
I18	MA in Communication Design	NCAD
I19	MSc in FinTech	DBS
I20	MSc in FinTech	NCI
I21	MEngSc in Electronic & Computer Engineering	UCD
I22	MSc in Electronic Information Engineering	TCD
I23	MSc in Computing (Information Systems Processes)	WIT
I24	MSc in Information Systems with Computing	DBS
I25	MBA in Information Systems	DBS
I26	MSc in Information Technology Management	ITC
I27	MSc in Computer Science (Intelligent Systems)	TCD
I28	MSc in IT-Enabled Innovation	MU
I29	ME in Internet of Things Technologies	TUD
I30	MSc in Interactive Digital Media	GCD
I31	MSc in Digital Media with Business Analytics	ITC
I32	MA in Media Studies	MIC
I33	MSc in Interactive Digital Media	TCD
I34	MSc in Interactive Media	UCC
I35	MA in Public Relations with New Media	MTU
I36	MSc in Computer Science (Negotiated Learning)	UCD
I37	MSc in Computer Science (Conversion)	UCD
I38	MSc in Computing Science	UCC
I39	MSc in Network and Information Security	GCL
I40	MSc in Cybersecurity	DBS
I41	MSc in Cyber Security	NCI

I42	MSc in Cybersecurity	MTU
I43	MSc in Applied Cyber Security	TUD
I44	MSc in Software Design with Cybersecurity	AIT
I45	MSc in Industrial Networks and Cybersecurity	ITC

See also:

E29	MEngSc in Optical Engineering	UCD
E15	MSc in Health Informatics	UL
J31	MSc in Information Systems for Business Performance	UCC
J36	MSc in Digital Marketing	AIT
J37	MSc in Digital Marketing	DBS
J38	MSc in Digital Marketing	ITC
J39	MSc in Digital Marketing	LIT
J40	MSc in Digital Marketing	UCDMS
J41	MSc in Digital Marketing Strategy	MTU
J43	MSc in Digital Innovation	UCDMS

| **J** | **Business, Economics, Project Management, Strategic Management, Leadership and related** |

Not available to applicants from: Namibia

J1	MSc in International Accounting and Finance	DBS
J2	MSc in Accounting and Finance Management	GCD
J3	Master of Business	AIT
J4	Master of Business	ITC
J5	MA in Global Business Practice	MTU
J6	MSc in International Business	TUD
J7	MSc in International Business	MTU
J8	MSc in International Business	NCI
J9	MSc in Management (Business)	DCU
J10	MA in Business Management	UL
J11	Master of Business Administration	DBS
J12	MA in Service Design	NCAD
J13	MSc in Economics	MU
J14	MSc in Applied Economics	UCD
J15	MSc in Behavioural Economics	UCD
J16	MSc in Business Economics	UCC
J17	MSc in Quantitative Economics	UCD
J18	MSc in Economics and Financial Risk Analysis	MU
J19	MSc in Economics and Policy Analysis	UL
J20	MSc in Entrepreneurship	NCI
J21	MBS in Entrepreneurship & Marketing	DKIT
J22	MSc in Finance	DCU
J23	MSc in Finance	NCI
J24	MSc in Finance	TCD
J25	MSc in Finance (Banking and Risk Management)	UCC
J26	MSc in Financial Analytics	DBS
J27	MSc in Financial Mathematics	DCU
J28	MSc in Human Resource Management	DBS
J29	MA in Human Resource Management	MTU

J30	MA in Human Resource Management	NCI
J31	MSc in Information Systems for Business Performance	UCC
J32	MSc in Management	NCI
J33	MSc in Management Practice	DBS
J34	MSc in Marketing	DBS
J35	MSc in Marketing	NCI
J36	MSc in Digital Marketing	AIT
J37	MSc in Digital Marketing	DBS
J38	MSc in Digital Marketing	ITC
J39	MSc in Digital Marketing	LIT
J40	MSc in Digital Marketing	UCDMS
J41	MSc in Digital Marketing Strategy	MTU
J42	MBus in Marketing & Management Strategy	LIT
J43	MSc in Digital Innovation	UCDMS
J44	MSc in Project Management	UCDMS
J45	MSc in Project Management	UL
J46	MSc in Strategic Management	TUD
J47	MSc in Strategic Management	UCDMS
J48	MSc in Strategy and Innovation	MU
J49	MSc in Supply Chain Management	ITC
J50	MSc in Supply Chain Management	TUD
J51	MSc in Supply Chain Management	UCDMS

See also:

A28	MSc in Global Environmental Economics	NUIG
A29	MSc in Renewable Energy & Environmental Finance	UCDMS
C7	MSc in Economics – International Development	TCD
E22	MSc in International Pharmaceutical Business Management	GCC
E23	MSc in Pharmaceutical Business and Technology	GCD
I9	MSc in Business Analytics	DBS
I19	MSc in FinTech	DBS
I20	MSc in FinTech	NCI
I28	MSc in IT-Enabled Innovation	MU
I31	MSc in Digital Media with Business Analytics	ITC
K1	MSc in Food Business Strategy	UCDMS
L1	MSc in Business and Hospitality	SCHM

K   Food Science, Food Engineering and Food Industry

Not available to applicants from: Eswatini, Namibia

K1	MSc in Food Business Strategy	UCDMS
K2	MSc in Food Science	UCC
K3	MEngSc in Food Engineering	UCD
K4	MSc in Culinary Innovation & Food Product Development	TUD
K5	MSc in Food Safety Management	TUD
K6	MSc in Horticulture	UCD

See also:

A12	MSc in Food Security Policy and Management	UCC

L   Tourism and Hospitality

Not available to applicants from: Namibia

L1	MSc in Business and Hospitality	SCHM
L2	MSc in Tourism Management	TUD
L3	MSc in Hospitality Management	TUD
L4	MA in International Tourism	UL

A

Climate Change & Resilience, Environment, Marine, Sustainable Development, GIS

A1   MSc in Climate Change: Policy, Media and Society   DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: This programme will equip students with critical insights and analytical skills to enable them to play a part in shaping the transition to a decarbonised and climate resilient future. Most postgraduate programmes focused on climate change are concerned with the science of climate change. DCU's new MSc. in Climate Change: Policy, Media & Society is unique in Ireland in its focus on the social sciences and humanities, on media, policy, law, governance, regulation and politics.

Indicative Content: Core – Climate Change and the Media; Climate Change and Societal Transition; Climate Change: The Physical Science Basis; Climate Change Policy and Governance; Research Methodology and Dissertation. Options – Environmental Ethics through Film & Media; Environmental Change and World Politics; EU and National Climate Change Law; Participation in Climate Change Policy Consul; Climate Change Education; Climate Change and Cities

Admission Requirements: An undergraduate degree in any discipline with a minimum 2:2 or equivalent.

IELTS: Overall score 6.5 or above and 6.5 in writing and speaking. Other sections scores 6.0 or above.

Programme Webpage: [shortened as] https://bit.ly/2vKLXFs

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC code: DC669**

A2   MSc in Climate Change   MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: This programme aims to provide Graduates with the knowledge, skills, and experience necessary to enable them to undertake analysis of both global and Irish related climate change science, impacts and policies. The programme explores ways of meeting the challenges posed by climate change, particularly in the areas of simulating future climates, impacts modelling, developing mitigation and adaptation strategies and decision making under uncertainty.

Indicative Content: Applied Climate Sciences; Impacts, Adaptation and Mitigation; Analysing Spatial and Temporal Data Using *R*; Detection, Attribution and Decision Making; The Ocean and Climate Change; Field Course; Thesis.

Admission Requirements: A minimum of Second-class Honours, Grade One (2.1) in any of the following subjects or cognate disciplines: Geography, Physics, Computer Science, Environmental Science, Engineering, Mathematics.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2IjULdE

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MHN56**

A3   MSc in Climate Change, Agriculture and Food Security   NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: This programme is aimed at students who want to combine scientific, engineering, technical, social or policy skills so that they are better equipped to understand and make significant contributions regarding the adaptation and mitigation of climate change impacts on global agriculture and food security. Students are provided with the skills and tools for developing agricultural practices, policies, and measures to address the challenge that global warming poses for agriculture and food security worldwide.

Indicative Content: Climate Change, Agriculture & Global Food Security; Policy & Scenarios for Climate Change Mitigation; AgriBiological Responses to Climate Change; Climate Change, Agriculture, Nutrition & Global Health; Gender & Climate Justice; Climate Change Adaptation & Risk Management; Low-Emissions & Climate Smart Agriculture & Agrifood Systems; Climate Change, Natural Resources & Livelihoods; Sustainable Bio-Based & Circular Economy; Science Communication; CCAFS Perspectives, Research Skills & Techniques; CCAFS Masters Research Thesis.

Admissions Requirements: Minimum 2:1 Honours degree or equivalent in an appropriate discipline.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: www.nuigalway.ie/ccafs

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

A4   MSc in Environmental Policy   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The programme takes an international perspective on environmental issues and explores the increasingly complex environmental challenges that societies and governments face across the globe, addressing contemporary environmental debates such as Climate Change, Water Policy, Energy Security and Sustainability, and Urban Resilience. Teaching is focused on areas and skills within environmental policy-making, and an integrated group-project module provides practice-based insights into the policy-making process. Students can enhance their own specialist research interests during the completion of a thesis or internship in the third trimester.

Indicative Content: Core – Tools for Sustainable Development; Environmental Economics & Climate Policy; Research for Environmental Policy; European Environmental Policy; Applications of Environmental Policy; Environment & Behaviour. Options – Environmental Policy Thesis; Internship – Research Project.

Admission Requirements: An Honours undergraduate degree with a minimum upper Second-class Honours or international equivalence is required in any discipline such as social sciences and arts, environmental sciences, law, business studies or engineering.

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2OxyBFj

Application: Apply online via the programme webpage.

A5	MSc in Environmental Leadership	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The MSc in Environmental Leadership will equip graduates with an advanced level of knowledge and problem-solving, management and communication skills in key areas relevant to the environment, marine and energy sectors. It will equip them with a capacity and capability for environmental leadership relevant to their career trajectory.

Indicative Content: Core – Environmental Problems & Solutions; Project Management; Natural Resource Governance & Sustainability; Research Methods for Engineers; Communicating Science & Research; Research Project; Environment Leadership; Communicating Science and Research. Options – Environment & Human Health; Environmental Impact Assessment; Marine Spatial Planning & Policy; Introduction to Development; Climate Change & Biodiversity; Environmental Resilience.

Admission Requirements: Minimum 2:2 primary degree or its equivalent in an appropriate discipline, including Science, Geography and Social Science.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: [shortened as] https://bit.ly/2SHFN3b

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

A6	MSc (Agr) in Environmental Resource Management	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Environmental Resource Management is an established programme that develops graduates with the flexible combination of environmental science, policy and management expertise necessary to address these needs. The programme is accessible to candidates from a very broad range of primary degree backgrounds. Graduates from this programme respond to many of the major global sustainability challenges.

Indicative Content: Core – Data Analysis for Biologists; Research Project (AESC); Human Impact on the Environment; Seminar Presentation; Soil, Plant & Water Resources; Geographic Information Systems; Biodiversity and Ecosystem Services; Literature Review (AESC); Practice Research Skills; Ecological Modelling; Environmental Assessment. Options – Wildlife Conservation; Environmental Law and Policy.

Admission Requirements: Applicants must hold minimum Lower Second-class Honours Degree in Biological Science, Environmental Science, Agricultural Science, Geography, Earth Sciences, Natural Sciences or cognate

degree programme from a recognised higher education institution. Cognate degree programmes would include humanities, arts, business, law and engineering.

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpage: [shortened as] www.bit.ly/2c3C2mu

Application: Apply online via the programme webpage.

A7	MSc (Agr) in Sustainable Agriculture and Rural Development	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme represents a return to core values in the development of rural areas which are rooted in agricultural change as well as responding to new societal demands such as safe and ethically produced food, a healthier environment and sustainable and affordable energy. The programme will equip graduates with capabilities in core analytical, conceptual, communications and research skills as well as providing the knowledge base required to develop careers in the broad arena of sustainable agriculture and rural development.

Indicative Content: <u>Core</u> – Sustainable Agriculture; Strategic Communications; Policies and Strategies for Sustainable Agriculture and Rural Development; Research Methods; Theory & Practice of Rural Enterprises; Minor Thesis. <u>Options</u> – Global Biodiversity and Heritage; Planning for Development; Agricultural Extension and Innovation; Sustainable Development, GIS & Data Interpretation, Land Utilisation and Rural Resource Planning.

Admission Requirements: A minimum 2:2 Honours university degree.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpages: [shortened as] http://bit.ly/2thpPm8

Application: Apply online via the programme webpage.

A8	MAgrSc in Agricultural Extension and Innovation	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This MSc will equip graduates with the skills and knowledge to understand more about the processes of learning that underpin change and development and to be effective in building the capacity of farmers to adopt new practices and technologies. Students will develop competencies in: analysis of the context of agricultural change; design and development of appropriate advisory strategies to support agricultural development; how to support adult learning and behaviour change and research and analytical skills to identify and support worthwhile innovations.

Indicative Content: <u>Core</u> – Design Thinking for Agricultural Innovation; Research Methods; Agricultural Extension & Innovation; Thesis; Group Approaches in Agricultural Extension; Project Management in Agricultural Extension;

Understanding the Family Farm Business. <u>Options</u> – Agri Environmental Nutrient Management; Animal Nutrition II; Dairy Production; Developments in Grassland; How To Change Behaviour; Policies & Strategies for Sustainable Agriculture and Rural Development; Strategic Communications; Sustainable Agriculture.

Admission Requirements: A minimum 2:2 Honours university degree in a range of academic qualifications, including Agricultural Science, Life Science and Business degree programmes from a recognised higher education institution. Applications are welcome from people with work experience in government and non-governmental organisations that provide rural extension services in agriculture, environmental and community development.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpages: [shortened as] https://bit.ly/3yY9b9M

Application: Apply online via the programme webpage.

A9	MSc in Co-operatives, Agri-Food and Sustainable Development	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: This is a unique programme, with a very strong practical emphasis and will equip participants with the organisational and management skills needed to make innovative contributions to the development of local economies, with particular emphasis on co-operatives, social enterprises, and food businesses in Ireland and overseas. It is aimed at graduates from a wide range of disciplines who wish to pursue careers in sustainable development and innovative practice leading to positions in the food sector (ranging from local food enterprises to large multi-nationals), local and international rural development, shared and collaborative economy, NGOs, innovative community businesses including co-operatives and social enterprises, local and regional enterprise development, corporate social responsibility, policy formulation and analysis.

Indicative Content: Contemporary Socio-Economic and Environmental Issues; Co-operative and Collaborative Responses; Sustainable Rural Development; Economics of Agri-Food Markets; Global Food Policy Issues; Marketing for Sustainable Food Production and Consumption; Food Branding and Digital Media; Project Management; Sustainable Food Systems; Food Supply Chain and Value Analysis; Research Methods; Professional Development; Practice-Based Research Project.

Admission Requirements: A minimum 2:2 degree or equivalent, in a wide range of disciplines.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://www.ucc.ie/en/ckl03/

Application: Apply online at https://www.ucc.ie/en/apply/

A10　　MSc in Agricultural Biotechnology　　　　　　　　　　　　　　　　　　　　DKIT

Study Location:　　　　Dundalk Institute of Technology

Programme Duration:　1 year

Programme Outline: The aim of the MSc course is to produce graduates with a deep knowledge, understanding and experience of the use and potential of biotechnology in agriculture, including Animal genetics, Nutrition and health, Crop and feed production, Genetic engineering, Sustainable food and energy production and Bioinformatics and bioremediation. This programme will familiarise graduates with all aspects of policy and legislation in relation to this field and will be able to appraise the ethical, social, biosafety and policy implications of existing and emerging technologies. They will be competent in all the relevant data acquisition and numeric methods and have advanced research and communication skills.

Indicative Content: Animal Genetics; Biotechnology in Animal Feeds; GIS, Data Management and Statistics; Bioinformatics; Bioremediation and Bioenergy; Animal Biotechnology; Food Biotechnology; Crop Biotechnology; Environmental Biotechnology Project; Food and Feed Biotechnology Project; Animal Biotechnology Project.

Admission Requirements: A minimum of 2nd class Honour's degree in Agriculture, Agricultural Science, Environmental Science, Biotechnology, Food Science or a related area.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://bit.ly/34GQdqz

Application: Apply online via the programme webpage.

A11　　MSc in Food Security Policy and Management　　　　　　　　　　　　　　　UCC

Study Location:　　　　University College Cork

Programme Duration:　1 year

Programme Outline: This programme is designed to equip recent graduates and professionals with the knowledge, skills and competencies needed to work in the field of food security, particularly policy and programme management. The programme aims to provide students with skills that can be applied particularly in the areas of project and programme management, policy development and implementation, and impact assessment of programmes aimed at improving food security and dietary quality. The programme is open to students from a wide range of backgrounds, including economics, nutrition, food security, international development, humanitarian assistance and programme management.

Indicative Content: Sustainable Food Systems; Advanced Food Security Theory, Practice and Analysis; Rural Development, Gender and Livelihoods; Economics of Agri-Food Markets and Value Chain Analysis; Health Information Systems and e-Health Analysis; Programme Planning and Impact Assessment; Research Methods; Food Security in Humanitarian Crises; Programme Planning and Impact Assessment; Public Health Nutrition: From Principles to Practice; Global Food Policy Issues; Applied Food Security Research Project.

Admission Requirements: At least a 2:2 in their primary degree, or equivalent in a relevant subject. Consideration may be given to applicants who do not hold a Second-class Honours degree but who have at least five years general professional experience in a relevant field or three years managerial/specialist experience, subject to approval of the Programme Director and the Head of the College of Business & Law.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://www.ucc.ie/en/ckl04/

Application: Apply online at https://www.ucc.ie/en/apply/

A12	MSc in Environmental Science	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: This full-time, intensive programme is intended for administrative and scientific workers and new graduates with an appropriate environmental science related background, although applications from graduates with different backgrounds are also welcomed. The programme provides a foundation of understanding of current environmental policies and legislation and builds upon this with practical and theoretical programmes that include subjects such as ocean and coastal management, water resources and pollution, climate change and environmental impact assessment.

Indicative Content: Introduction to Environmental Science; Environmental and Chemical Analysis; Hydrology and Groundwater Quality; Earth System Science I: Deep Time; Earth System Science II: Environmental and Climate Change; Environmental Policies; Data Handling and Analysis; Practical Environmental Skills;; Project Planning; Individual Research Project.

Admission Requirements: First or upper Second-class Honour's degrees, or their overseas equivalent, awarded by recognised universities, institutions and degree awarding bodies; or holders of other degrees or relevant qualifications including professional qualifications, who have at least three years' work experience in an environmental profession.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://naturalscience.tcd.ie/postgraduate/msc-envirsci/

Application: Apply online via the programme webpage.

A13	MSc in Environmental Science	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme provides graduates with a thorough knowledge of Environmental Science and there is a heavy emphasis on practical training in fieldwork, laboratory analyses, information sourcing, data analysis, planning, reporting and communication. A work placement in an agency servicing the environmental sector is undertaken during the third semester obtaining industry relevant skills.

Indicative Content: Core – Soil Ecology; Quantitative Tools for the Life Sciences; Introduction to Water Resource Engineering 1; Freshwater Resources Assessment; Global Change Ecology; Analyses for Environmental Investigations; Thesis; G.I.S. for Environmental Assessment; Environmental Geology. Options – Wildlife

Conservation; Remote Sensing; Waste Management; Introduction to Water Resources Engineering 2; Water Waste and Environmental Modelling; Marine Community Ecology; Environmental Impact Assessment; Wildlife Management/Conservation (Online); Appl. Ecotoxicology; Environmental-based internship; Research-based internship.

Admission Requirements: This programme is intended for applicants with a primary degree in Science, Engineering, Geography, Architecture or a related subject. An Upper Second-class honour, or international equivalent is required.

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpage: [shortened as] www.bit.ly/2c1YgQN

Application: Apply online via the programme webpage.

A14	MSc in Marine and Freshwater Resources: Management	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: This programme provides training in critical knowledge areas and an understanding of knowledge gaps in our aquatic environment and related human activities, as well as the capacity to engage in activities for their assessment, governance, management and communication, relevant to the environmental sector will (1) provide graduates with the competences to obtain employment in industry, research, policy development, monitoring or management and (2) help meet targets in relation to environmental obligations under EU and international Directives and the transition to a sustainable economy.

Indicative Content: Core – Environmental Problems in Marine and Freshwater Environments: Contaminants; Environmental Problems in Marine and Freshwater Environments: Methodological Aspects and Applications; Marine and Freshwater Acidification; Literature Review, Project Planning and Proposal; Water Framework Directive; Metals in the Environment, Speciation, Bioavailability, Remediation; Green Lab Principles and Practice; Marine and Freshwater Resources: Monitoring and Management Dissertation Project. Options – Water Quality; Global Change; Introduction to Data Analysis Tools for Earth and Ocean Studies; Ecosystem Science; Invasive Species & Biodiversity; Marine Spatial Planning and Policy; Project Management; Communicating Science and Research; Biodiversity Legislation and Policy; Data Analysis for Sustainability Research; Applied Data Science with R; Geospatial Analysis and Remote Sensing; The Environment and Human Health; Legislation for Environmental Scientists.

Admissions Requirements: Minimum 2.1 hons, or equivalent, though 2.2 students (or equivalent) with relevant experience will also be considered.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: [shortened as] https://bit.ly/3gCdhgN

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The programme focuses on the science (including the social sciences) of Coastal and Marine management and policy-making today. It is designed to give students professional competency to make sound, scientifically-informed, strategic and operational decisions regarding the sustainable governance, use and protection of coastal and marine environments. It also provides training in applied practical skills, with an emphasis on geospatial techniques relevant to coastal and marine data capture, analysis, integration, and visualisation. Students will also receive training in important transferrable skills including principles and practice of scientific research, effective communication and presentation techniques, and sound project management.

Indicative Content: Marine Ecology and Conservation; Innovation and Ocean Sustainability; Introduction to Geographical Information Systems; Introduction to Remote Sensing; Coastal and Marine Resource Use Practices; Coastal and Marine Governance; Coastal and Marine Processes; Offshore Environment Geology; Research Dissertation in Applied Coastal and Marine Management.

Admission Requirements: A primary degree to upper Second-class Honours level (2:1 grade) or higher from a recognised third-level institution in Geography, Geology, Environmental Sciences, Biology, Oceanography, Physics, Mathematics, Engineering or a related discipline. Applications will also be considered from graduates in other disciplines, including those in the Arts and Social Sciences, who have a demonstrable interest and/or experience in coastal and marine management, and who can offer sufficient numerical abilities. Applicants with a degree of at least lower Second-class Honours (2:2 grade), or its equivalent, in one of the areas mentioned above, plus at least two years of work experience in a relevant marine industry will also be considered.

IELTS: Minimum 6.5 overall score required with no individual section lower than 5.5.

Programme Webpage: https://www.ucc.ie/en/cke39/

Application: Apply online at https://www.ucc.ie/en/apply/

Study Location: Galway-Mayo Institute of Technology

Programme Duration: 1 year

Programme Outline: One-year taught MSc degree focusing on fisheries, marine conservation, sustainability, and ecosystem-based management.

Indicative Content: Ecology of Top Predators in Marine Systems; Secondary Impacts of Harvest on Wild Populations and Ecosystems; Applied Geographic Information Systems; Data Analysis Using R and R Studio; Thesis; Seabird and Marine Mammal Population Assessment techniques; Life History Strategies and Trade-Offs.

Admission Requirements: The minimum requirement is a 2:2 in a cognate Honours Degree, e.g., Zoology, Ecology, Marine Biology, Wildlife Management, Conservation Biology.

IELTS: Minimum 6.0 overall score required with no section less than 6.0.

Application: Via an online form available at https://www.gmit.ie/international/international-online-applications

A17	MSc in Conservation Behaviour	GMIT

Study Location: Galway-Mayo Institute of Technology

Programme Duration: 1 year

Programme Outline: This one-year MSc degree focuses on how animal behaviour can be applied to wildlife conservation. You will study the behaviour of a wide range of species from marine, freshwater, and terrestrial habitats, and you will learn how an understanding of animal behaviour can contribute to the conservation and management of those species. You will acquire a range of applied skills, such as camera trap surveying for terrestrial mammals, visual and acoustic monitoring of marine mammals, abundance estimation of marine mammals using mark-recapture and DISTANCE, geographic information systems (GIS), and data analysis using R and RStudio.

Indicative Content: Studies in Conservation Behaviour; Data Analysis using R and RStudio; Residential Field Programme; Applied Geographic Information Systems; Animal Behaviour: Recording and Analysis; Acoustic Monitoring as a Marine Conservation Tool; Research Thesis.

Admission Requirements: The minimum requirement is a 2:2 in a cognate Honours Degree, e.g., Animal Behaviour, Conservation Biology, Zoology, Ecology, Environmental Science, etc.

IELTS: Minimum 6.0 overall score required with no section less than 6.0.

Application: Via an online form available at https://www.gmit.ie/international/international-online-applications

A18	MSc in Wildlife Conservation & Management	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc Wildlife Conservation and Management uniquely integrates the principles of wildlife conservation and zoonotic epidemiology, to underpin the effective management of wildlife populations and ecosystem health. This programme is suitable for students who wish to undertake further studies in pursuit of a career in the agricultural and environmental sciences, with a particular emphasis on the sustainable management of wildlife resources within rural landscapes.

Indicative Content: Wildlife Conservation; Data Analysis for Biologists; Habitat Evaluation; Conservation Genetics; One Health; Research Project; Human Impact on the Environment; Geographic Information Systems; Biodiversity and Ecosystem Services; Biological Invasions; Seminar Presentation.

Admission Requirements: A minimum of a lower Second-class honour's degree or the international equivalent in Biological Science, Environmental Science, Animal Science, Equine Science or Veterinary Medicine. Applicants

from other disciplines may be considered if they include strong evaluation, analytical and communication skills and have experience of working in the area.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3uH3A4B

Application: Apply online via the programme webpage.

A19   MSc in World Heritage Management and Conservation   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The UCD Masters Programme in World Heritage Management provides graduates with a thorough knowledge of the World Heritage Convention and its application in solving heritage conservation problems. The programme is designed to accommodate applicants with a variety of academic qualifications including Archaeology, Architecture, Geography, Biology, Arts, Agriculture, Engineering and Economics. Please note that the standard two-year MSc will be adapted as a 16-month programme for Irish Aid Fellowship recipients.

Indicative Content: Core – Heritage Preservation & Interpretation; Nature & Culture: A bridge to heritage sustainability; Heritage Management Challenges; Conflict Resolution & Heritage; Methods & Practices; Heritage Marketing & Management; Heritage Management in Practice; Dissertation; Research Project Skills. Options – Historic Urban Landscapes; Remote Sensing; Heritage & Human Rights; Decolonising Ethnography

Admission Requirements: A minimum of a lower Second-class honour's degree or the international equivalent. Applicants with diverse academic backgrounds including Archaeology, Architecture, Geography, Biology, Arts, Agriculture, Engineering and Economics will be considered.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] www.bit.ly/2c3BVaw

Application: Apply online via the programme webpage.

A20   MSc in Geographical Information Systems & Remote Sensing   MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: This programme aims to provide highly qualified, motivated graduates who have been trained in Geographical Information Systems, Remote Sensing and Digital Image Processing and who can apply the information technology skills they obtain; to produce marketable graduates who will make significant contributions to GIS and RS application areas including; industry, government, academia, the community and voluntary sector and other public and private bodies; to provide an understanding of Geographical Information Systems and Remote Sensing, the technology involved and its applications for specific investigations.

Indicative Content: Introduction to Geographical Information Systems and Science; Theoretical Remote Sensing; Structured Programming; Spatial Databases; Analysing Spatial and Temporal Data using R; Digital Image Processing & Advanced Remote Sensing; Work Placement; Geographical Information Science in Practice.

Admission Requirements: The basic entry requirement is a degree with a minimum of Second-class Honours (2:1) or equivalent in any of the following subjects: Geography, Planning; Physics; Computer Science; Environmental Science; Geology; Mathematics; Engineering; Geophysics; Public Administration; Public Health or a cognate discipline.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] http://bit.ly/2uOy7Da

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MHN58**

A21	MSc in Geocomputation	MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: This programme aims to provide a sound theoretical and practical foundation in geocomputation for numerate graduates with suitable backgrounds in subjects such as mathematics, engineering, geography, computer science, geomatics, and mining, and professionals working in cognate disciplines. The programme will provide students with a sound understanding of the theoretical principles underlying geocomputation. Students will gain a sound understanding of the practical aspects of Geographical Information System software and management.

Indicative Content: Structured Programming; Spatial Databases; Introduction to Geocomputation; Methods and Techniques in Geocomputation; Advanced Topics in Geocomputation; Dissertation; Object-Oriented Programming; Geographic Information Science in Practise.

Admission Requirements: A minimum 2:1 Honours degree or equivalent in a cognate discipline. Cognate disciplines include, but are not limited to geography, computer science, geomatics, mining, engineering, mathematics. Applicants must have a recognised primary degree which is considered equivalent to Irish university primary degree level.

IELTS: 6.5 Minimum overall score required.

Programme Webpage: [shortened as] http://bit.ly/2v7zpo7

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MH50B**

A22   MSc in Geographic Information Science   TUD

Study Location: Technological University Dublin (Bolton Street Campus)

Programme Duration: 1 year

Programme Outline: Competency in information technology skills has consistently been identified as a critical need in the geospatial industry and in the wider workplace in Ireland. This programme has been designed specifically to address these issues and will provide graduates with a thorough grounding in information technology including spatial databases and web technology as well as programming skills tailored to the particular requirements of geospatial data.

Indicative Content: Fundamentals of GIS; Spatial Data Acquisition; GI Project Management; Web and User Interface Design; Spatial Databases; Introduction to Programming; Advanced GIS; GIS Modelling; Work Placement; Web GIS; Programming for GIS; Advanced Spatial Data Management; Research Project and Dissertation.

Admission Requirements: To be admitted to the programme, students should have a minimum of a 2:2 in an Honours bachelor's degree. Applications from candidates who have an equivalent qualification at Honours level (for example, a professional qualification) will also be considered.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3vQaJQV

Application: Apply online via the programme webpage.

A23   MSc in Architecture, Urbanism & Climate Action   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc programme equips graduates and returning professionals with specialist skills to respond to the challenge of planning, designing, and actioning a sustainable built environment. The School of Architecture, Planning and Environmental Policy (APEP) brings together four key disciplines to provide a unique graduate learning experience. Core modules are specifically designed to enhance knowledge of Sustainable Development Goals, climate science and policy as well as skills for sustainable building and urban design.

Indicative Content: Core – Introduction to Urban Design; Architecture in a Climate Emergency; Linked Research Project; Climate Carbon Cities Change; Research for Environmental Policy. Options – Historic Urban Landscapes; Realising Built Projects; Architectural Design VIII; Urban Design Theory; Postgraduate Studio; Urban Design Studio; Agency: Design/Build; Computational Design; Irish Timber & Sustainability; Retrofit Existing Buildings; Air Pollution; Advanced Air Pollution; Energy System & Sustainable Environments; Introduction to Transportation and Traffic Engineering; Tools for Sustainable Development; Environmental Economics & Climate Policy; European Environmental Policy; Reimagining Dublin: An interdisciplinary Exploration in Urban Regeneration; Physical Geographies of Cities; Practical Environmental Assessment; Remote Sensing; Coastal Risks; Climate Change Law and Policy; Planning, Society and Diversity; Rural & Landscape Planning; Urban & Regional Development; Housing Policy & Planning; Nature-Based Solutions; Geographical Information Systems for Policy and Planning; Economic Globalisation and Social Change

Admission Requirements: Undergraduate degree (2.1) in subjects related to the built environment including architecture, urban design, engineering, environmental sciences, or humanity degrees involving social or natural sciences.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3vYdMGC

Application: Apply online via the programme webpage.

A24	MSc in Urban Design & Planning	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This Master's programme is focused on the role of urban design in the context of urban planning and is delivered with an emphasis on the distinct methodologies, professional perspectives and pedagogies of that discipline. It provides specialist knowledge and skills in urban design theory and practice, urban conservation; nature-based solutions, and the role of research in design. The programme will enable graduates to work as part of a multidisciplinary team to create better places through urban design. Students will also have the opportunity to draw upon the school's research expertise to place urban design centre stage in tackling a range of pressing environmental and other issues.

Indicative Content: Core – Conservation History, Theory and Policy; Urban Design Theory; Postgraduate Studio; Urban Design Studio; Nature-Based Solutions; Research Design & Methods. Options – Planning Law APEP; Planning Methodology; Placemaking: Urban and Rural Design; Rural & Landscape Planning; Urban and Regional Development; Housing Policy and Planning; Planning, Environ & Public Pol; Design Thesis; Thesis.

Admission Requirements: An Honours undergraduate degree with minimum 2.1 award or international equivalent in planning or cognate discipline, including architecture and landscape architecture. Other related subject areas include geography, engineering, property economics and surveying.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W332

Application: Apply online via the programme webpage.

A25	MSc in Spatial Demography	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The interdisciplinary programme provides students with an opportunity to study population issues in a research-led environment, with a focus on applying learning to real-world scenarios. Upon graduation, students will have the technical and substantive know-how to fill a large and important gap in an increasingly competitive global economy.

Indicative Content: Demography Dissertation; Introduction to ArcGIS; Advanced GIS; Population Patterns and Challenges; Demographic Analytics: Theory and Applications; Research Design; Data Programming with R.

Admission Requirements: Applicants must hold a primary degree with at least Second Class Honours Grade 1 (2H1) or equivalent in a relevant discipline.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [Shortened as] https://bit.ly/3wu1EgX

Application: Apply online via the programme webpage.

A26 MA in Geography: Spatial Justice	MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The 'MA Geography: Spatial Justice' offers a wide-ranging programme of taught modules, delivered through lectures, seminars, fieldwork, practicals and civil society partnerships with an emphasis on teaching and learning informed by participatory action research.

Indicative Content: Core – Anthropology and Development; Public Engagement and Spatial Justice; Field School; Spatial Justice: Geographies of Social & Environmental Change; Thesis. Options – Critical Ecologies; Global Environmental Change; Introduction to Geographical Information Systems and Science; Advanced Studies in Human Geography; Gender, Sexuality and Law: Comparative Perspectives; Irish Media History; Qualitative Methods; Foundations of Medical Anthropology; Ethnography Winter School; Topics in Medical Anthropology; Anthropology pf Digital Media; Immigration and Diversity in Higher Education; Environmental Remote Sensing; Quantitative Research Methods.

Admission Requirements: Students should normally have earned a 2.1 or above in Geography (either subject degree in Geography or overall) or related disciplines. A personal statement is required so the Director can consider applicants with relevant academic, work or professional experience if coming from a different background than the social sciences and/or if earned a 2.2 mark.

IELTS: 6.5 Minimum overall score required.

Programme Webpage: [shortened as] https://bit.ly/3evC95t

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MHN66**

A27 MSc in Global Environmental Economics	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The programme is specifically targeted to provide students with employability skills that are relevant to shape and influence future public policy, conduct environmental evaluations, lead research projects, work in a business or consultancy role, with international development and aid agencies or continue education

through further academic study. The aims of the MSc in Global Environmental Economics are to equip graduates with the skills to understand and analyse global environmental issues from an economic perspective, critically evaluate and inform future public policy in relation to the environment, advance knowledge of economic methods used to analyse environmental problems and understand global interlinkages of environmental problems and how these differ around the world.

Indicative Content: <u>Core</u> – Microeconomic Theory; Econometrics; Natural Resource Governance and Sustainability; Climate Change Economics; Cost-Benefit Analysis and Evaluation; Environmental Economic Modelling; Global Issues in Agricultural, Marine and Renewable Energy Economics; Dissertation. <u>Options</u> – Renewable Energy Economics and Policy; Innovation and Management; Social Marketing and Environmental Sustainability; Business Analytics with SAP.

Admission Requirements: Students with a primary degree with Second-class Honours, Grade 1 or equivalent having included the study of Economics. Students with an economic background are also encouraged to apply.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: [shortened as] https://bit.ly/35xry8i

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

| A28 | MSc in Renewable Energy & Environmental Finance | UCDMS |

Study Location: University College Dublin, Michael Smurfit Business School

Programme Duration: 1 year

Programme Outline: As the only Masters in the world which has an in-depth coverage of environmental and impact finance and green data science, this programme offers an unrivalled level of specialisation in global clean energy and sustainable finance markets. The curriculum encompasses the major theoretical aspects of renewable energy and environmental finance, along with modules focusing upon the tools and techniques for evaluating a comprehensive range of global, regional and firm level environment and financial issues.

Indicative Content: <u>Core</u> – Quantitative Methods for Finance; Financial Econometrics; Capital Markets and Instruments; Derivative Securities; Financial Theory; Financial Analysis; Environmental Finance & Impact Investing; Renewable Energy Finance; Energy Economics and Policy; Business; Portfolio and Risk Management. Electricity Markets; Energy Economics and Policy; Green Business; Portfolio and Risk Management. <u>Options</u> – Mergers and Acquisitions; Financial Technology; Advanced Treasury Management; Behavioural Finance; Green Data Science; Summer Internship; Research Dissertation.

Admission Requirements: Minimum 2:1 undergraduate degree in (i) Business/Commerce including quantitative subjects such as Economics, Finance or Accounting; or (ii) a Finance-related area, Mathematical Finance, Economics, Mathematics, Statistics, Environmental Science, Science, Computer Science, Engineering or Physics. Applicants should have demonstrated strong academic ability (a 1:1 or 2:1) in a number of quantitative modules in their degree, such as Mathematics, Statistics, or Econometrics. Candidates may be asked to sit the Graduate Management Admissions Test (GMAT).

IELTS: Minimum 7.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2AQedeu

Application: Apply online via the programme webpage.

A29	LLM in Environmental and Natural Resources Law	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The LLM (Environmental and Natural Resources Law) is a new programme which takes advantage of a concentration of legal expertise in the field at the School of Law, University College Cork. The programme offers a wide variety of legal topics ranging across traditional areas of environmental law, policy and regulation, as well as planning and land-use law, heritage protection, international environmental law, marine environmental law, natural resources law and human rights law. It aims to prepare graduates for a variety of careers in the broader environmental regulatory space, including in the legal professions, governmental and regulatory agencies, environmental NGOs, compliance roles in industry, academia, and environmental consultancy.

Indicative Content: <u>Core</u> – Introduction to Planning Law; Environmental Law in Practice; Method in Environmental Law; International Biodiversity and Ecosystems Law and Policy; Climate Change Law and Policy; International Environmental Law; Marine Environmental Law; Natural Resources Law; LLM (Environmental and Natural Resources Law) Dissertation. <u>Options</u> – International Criminal Law; Law of Cybercrime; Contemporary Issues in International Law; Contemporary Issues in EU Competition Policy; International Human Rights Law; Advanced Alternative Dispute Resolution; Public International Law; Refugee and Forced Displacement Law; Environmental Law Clinic; European Corporate Restructuring, Insolvency and Rescue; Brexit - Legal and Political Perspectives; Brexit and the Future of Europe; FinTech: Law and Regulation.

Admission Requirements: Candidates must be approved by the School of Law. They must normally hold a Second-class Honours Grade I in a primary honours Law degree. Candidates with other third level qualifications and/or relevant professional experience are also encouraged to apply.

IELTS: Minimum 6.5 overall score required with no individual section lower than 5.5.

Programme Webpage: https://www.ucc.ie/en/ckl48/

Application: Apply online at https://www.ucc.ie/en/apply/

B

Engineering and Sustainable Technology

B1	MSc in Environmental Engineering	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Environmental Engineering provides education and training to those eager to pursue a career in the protection of the Environment. It aims to develop students with a specialist understanding in the area of Environmental challenges facing the Environment today, and with specialist skills to address these. The programme explores the themes of water, air, noise and soil pollution and how we may develop solutions for these challenges to protect the environment and society. The programme also incorporates the grand challenges facing Environmental Engineers of this era including climate change, sustainability, and renewable energy.

Indicative Content: Civil Engineering Management; Research Methods; Engineering Dissertation; Engineering Project; Air Pollution; Waste Management and Energy Recovery; Water Quality and Hydrological Modelling; Water Resource Planning and Climate Change; Hydrological Processes and Hydrometry.

Admission Requirements: An upper second Honours degree (or equivalent) in a Civil Engineering or related degree. Relevant industrial experience may be considered in allocating places where the programme is oversubscribed.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2voSJ3k

Application: Apply online via the programme webpage.

B2	MSc in Environmental Technology	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme will enable its students to acquire skills in the areas of environmental engineering, risk assessment, air pollution, waste management, life cycle assessment, buildings and environment, energy systems and sustainable environment. This Masters will provide graduates with the skills to develop technological solutions for air, water and soil protection and emerging sectors across industry (particularly agri-food and bioresources), consulting companies and regulatory authorities.

Indicative Content: Buildings and Environment; Quantitative Risk Assessment for Human and Animal Health; Environmental Engineering; Life Cycle Assessment; Advanced Air Pollution; Waste to Energy Processes & Technologies; LCA Applications; Research and Teaching Methods; Energy Systems and Sustainable Environments; Thesis.

Admission Requirements: Minimum of a Second-class honour's degree in Science, Engineering, Agricultural Science, Environmental Science, or related discipline.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2R8J8f7

Application: Apply online via the programme webpage.

| B3 | MEngSc in Water, Waste and Environmental Engineering | UCD |

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme prepares graduates to work in the broad field of environmental protection and management. Students in this programme will gain advanced theoretical and conceptual knowledge and understanding in the area of environmental engineering on topics such as engineering hydrology, environmental modelling, water and wastewater treatment, solid waste management, and environmental data analysis, among others.

Indicative Content: <u>Core</u> – Introduction to Water Resources Engineering; Water Waste and Environmental Modelling; Environmental Impact Assessment; Quantitative Methods for Engineers; Environmental Research Project. <u>Options</u> – Waste Management; Life Cycle Assessment; Advanced Air Pollution; Environmental Engineering; Water & Wastewater Treatment Processes; Hydraulic Engineering Design; Civil Engineering Systems; Freshwater Resources Assessment; Geographic Information Systems; Geographical Information Systems for Policy and Planning.

Admission Requirements: An honours undergraduate degree with minimum 2:1 award or international equivalent in civil engineering, other related engineering (such as chemical engineering, environmental engineering, agricultural engineering), physical science or environmental related degree programme.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3xyx7zf

Application: Apply online via the programme webpage.

| B4 | MSc in Renewable Energy Systems | DKIT |

Study Location: Dundalk Institute of Technology

Programme Duration: 1 year

Programme Outline: The MSc in Renewable Energy Systems is designed to produce graduates with a good theoretical and practical understanding of renewable energy technologies. The programme critically investigates the energy output from wind, solar, ocean and biomass technologies from a technical and economic viewpoint. he primary aim of the MSc in Renewable Energy Systems is to produce effective engineers and technical workers for a professional career in energy and, in particular, renewable energy.

Indicative Content: <u>Core</u> – Introduction to Renewable Energy; Wind Energy 1; Solar Energy 1; Water Power 1; Bio-Energy 1; Energy Policy and Economics; Grid Integration of Renewables; Research Methods; Research Project. <u>Options</u> – Wind Energy 2; Ocean Energy; Solar Energy 2; Bioenergy 2.

Admission Requirements: A second class honours degree (2.2) in an engineering or science discipline is the basic requirement. Candidates with alternative qualifications are also encouraged to apply.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://bit.ly/3fOkNES

Application: Apply online via the programme webpage.

B5	MSc in Sustainable Energy	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Sustainable Energy is designed to provide engineers, and other suitably qualified graduates, with a specialist understanding of energy management as well as sustainable energy generation. The programme will advance your knowledge in efficiency techniques, sustainable energy technologies and energy management systems and strategies. It also includes theory and practice along with economics, management, current legal requirements, and standards.

Indicative Content: Civil Engineering Management; Research Methodology; Engineering Dissertation; Engineering Project; Wind Energy; Solar Energy Conversion Applications; Building Energy Physics and Control; Energy Policy and Planning, Energy Demand; Wave and Hydro Energy.

Admission Requirements: An upper second Honours degree (or equivalent) in a Civil Engineering or related degree. Relevant industrial experience may be considered in allocating places where the programme is oversubscribed.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://www.tcd.ie/civileng/msc-in-sustainable-energy-engineering/

Application: Apply online via the programme webpage.

B6	MSc in Sustainable Energy and Green Technologies	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Sustainable Energy and Green Technologies focuses on the development and optimisation of renewable energy resource exploitation; the efficiency in energy generation and utilisation pathways; the mitigation of environmental impacts, and preparation for business innovation and job creation opportunities in renewable energy systems technologies development, plant biotechnology and entrepreneurship.

Indicative Content: The Bioeconomy: A Strategy for Sustainable Fuel, Material and Chemical Production; Life Cycle Assessment; Thesis; Advanced Air Pollution; Waste to Energy Processes & Technologies; Energy Systems Integration; LCA Applications; Research and Teaching Methods; Biorefinery Process & Tech; Energy System & Sustainable Environments.

Admission Requirements: An Honours undergraduate degree with a minimum upper Second-class Honours or international equivalence in an engineering, physical science or environmental related degree.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3fK5uL8

Application: Apply online via the programme webpage.

B7	ME in Sustainable Electrical Energy Systems	TUD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: This ME in Sustainable Electrical Energy Systems addresses the technology of sustainable electrical energy systems and the issues surrounding their integration into electrical power systems. The main themes covered are electrical power systems analysis, renewable electrical energy technology, power electronics, distributed generation, energy markets and global issues surrounding the supply and demand of energy. The programme is aimed at graduate engineers who would like to continue their studies and at engineers who are currently working in the electrical/electronic and related industries who would like to move into an engineering role in the electrical energy systems area.

Indicative Content: Core – Innovation and Knowledge Management; Statistical Analysis; Entrepreneurship; Research Methods. Options – Power Electronic Energy Conversion Systems; DSP Platforms; Wind Energy for Electricity Supply; Renewable Energy Technologies; Embedded Generation; Power Systems Analysis; Energy Supply; Gas & Electricity Markets; Energy Conversion Systems.

Admission Requirements: Second-class Honours degree (2:2 grade or higher) in Electrical or Electronic Engineering or a minimum Second-class Honours accredited degree (2.2 grade or higher) in a related engineering discipline e.g., mechanical, mechatronic or energy engineering.

IELTS: Minimum 6.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3wUZtmR

Application: Apply online via the programme webpage.

B8	MSc in Energy Science	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The aim of this programme is to provide students with a science, engineering or other appropriate background, with a broad knowledge and experience of the science and application of both conventional and sustainable energy technologies. The connection between physics, chemistry, earth science and economics determines how energy is utilised, the environmental consequences of its use, and in turn determines many government policies across the globe. A working understanding of each of these areas is necessary for

students inspired to pursue a career in the energy sector, or for those interested in communicating or managing the environments impact of the world's energy use, such as climate change.

Indicative Content: Introduction to Energy Science; Conventional Energy Sources and Technologies; Electric Power Generation and Distribution; Sustainable Energy Sources and Technologies; Managing the impact of Energy Utilisation.

Admission Requirements: An upper Second-class honour's degree or the international equivalent in either a physical science, earth science or engineering subject. However, applications from similarly qualified candidates from other disciplines are welcome if they can demonstrate a sufficient level of knowledge or interest in the Energy sector.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: http://www.tcd.ie/programmes/energyscience/

Application: Apply online via the programme webpage.

| B9 | MSc in Sustainable Energy Engineering | WIT |

Study Location: Waterford Institute of Technology

Programme Duration: 1 year

Programme Outline: This programme will provide students with expertise in energy use, environmental performance and sustainability in the design and operation of buildings and their associated facilities and services systems. It will encourage the development of students' powers of analysis, synthesis and communication to develop a broader understanding of Low Energy Building Design and Management.

Indicative Content: Research Methodology; Professional Development & Effectiveness; Statistics for Engineers; Energy Modelling for NZEB Design; Mechanical Services Systems; Low Energy Building Systems design; Sustainability & the Environment; Energy Modelling for HVAC Systems & Controls; Energy Auditing; Building Performance & Analysis; Electrical Systems & Energy Monitoring; Electrical Generation Technology.

Admission Requirements: The normal minimum expected entry requirement for the MSc in Sustainable Energy Engineering will be a cognate accredited NFQ Level 8 Honours 2.2. Engineering or Science Degree.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2Wx4lyT

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: WD554**

B10   MEngSc in Sustainable Energy   UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: This programme aims to equip students with the information base and skill set to actively participate in this growing global market where energy/environment policy and technological innovation meet. It will provide students with knowledge and understanding of: (i) energy trends, their impacts on the environment and the engineering solutions to mitigate the damage; (ii) engineering of individual renewable energy sources of wind, hydro, biomass, wave, solar and geothermal; (iii) energy conversion processes for electrical, thermal and transport energy supply; (iv) the integration of intermittent renewable energy with the electricity network; (v) sustainable energy end use in building design, construction and management.

Indicative Content: Sustainable Energy; Solar and Geothermal Energy; Electrical Power System; Energy in Buildings; Energy Systems in Buildings; Wind Energy; Energy Systems Modelling; Biomass Energy; Photovoltaic Systems; Preliminary research in Sustainable Energy; Dissertation in Sustainable Energy; Ocean Energy.

Admission Requirements: Minimum 2:2 Honours BE or BEng Degree. Candidates with equivalent academic qualifications and suitable experience may be accepted.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: https://www.ucc.ie/en/ckr26/

Application: Apply online at https://www.ucc.ie/en/apply/

B11   MSc in Energy Management   TUD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: The programme will enhance the present and future effectiveness of managers, engineers and scientists by providing an opportunity to study the theory and practice of current developments, laws, standards, technologies, management, economics and finance, associated with European energy and environmental issues. Graduates from the programme will be effective managers of environmental technology with an in-depth awareness of resource management under financial and environmental constraints.

Indicative Content: Core – Business (Organisational Behaviour); Law (Business Law); Financial Decision Making; Energy Supply; Energy Conversion and Use; Energy Management Principles and Practice; Research Methodologies; Dissertation. Options – Business (Strategic Management); Law (Energy & Environment Law and Policy); Financial Management; Wind Energy for Electricity Supply; Advanced Energy Systems; Sustainable Building Design; Power System Analysis; Embedded Generation; Renewable Energy Technologies; Biomass Technology / Biofuels for Transport; Energy Control Systems; Low Energy Lighting Design.

Admission Requirements: At least a 2.2 award in an Honours Bachelor of Engineering Degree.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/30e10FL

Application: Apply online via the programme webpage.

B12	ME in Sustainable Infrastructure	TUD

Study Location: Technological University Dublin (Bolton Street Campus)

Programme Duration: 1 year

Programme Outline: This programme is designed to provide Civil, Structural and Environmental Engineering graduates, and graduates from closely related disciplines, with specialised skills and knowledge in technical design for Sustainable Infrastructure. The programme consists of 12 taught modules and a Research Project module, and focuses, in particular, on sustainability, water engineering, numerical techniques, renewable and sustainable technologies and transport planning with options in advanced structural engineering.

Indicative Content: Core – Entrepreneurship for Engineers; Innovation and Knowledge Management; Research Methods; Statistical Analysis for Engineers; Introduction to Sustainable Infrastructure; Sustainable Infrastructure Research Project. Options – Finite Elements in Science and Engineering; Water Resources and Quality Management; Climate Resilient Infrastructure; Transport Planning & Simulation; Traffic Management & Road Safety; Energy Infrastructure; Waste and Environmental Management Systems; Structural Stability; Structural Analysis & Dynamics.

Admission Requirements: An honour bachelor's degree, with a minimum attainment of Second-class Honours grade 2, in Civil/Structural/Environmental Engineering or a closely related discipline. The degree should be of four years duration and accredited by the relevant professional body.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2WpVG1c

Application: Apply online via the programme webpage.

B13	MSc in Innovative Technology Engineering	WIT

Study Location: Waterford Institute of Technology

Programme Duration: 1 year

Programme Outline: The Masters in Innovative Technology Engineering degree aims to produce graduates with strong skills in critical thinking and with a creative attitude necessary to instigate future developments in the field of Engineering Technology. The student will attain an academic mastery in their specialisation field while developing a broad knowledge of other related fields and how these converge.

Indicative Content: Core – Strategic Technological Innovation; Nanotechnology; Biomedical Science; Mechanics of Materials; Green Technology and Alternative Energy Sources; Convergent Technologies for Biomedical and Electro-Mechanical Applications; Novel Materials, Properties and Exploitation; Industrial Research 2; Dissertation. Options – Quality Management & Regulatory Affairs; Control Engineering; Technology Management; New Product Development Strategy; Product Design & Development; Cognitive Technologies; Entrepreneurship.

Admission Requirements: The normal minimum expected entry requirement for the MSc in Innovative Technology Engineering will be a cognate accredited NFQ Level 8 Honours 2.2. Engineering or Science Degree.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3o7TO9G

Application: Apply online at https://v2.pac.ie/institute/6 – using the **PAC Code: WD555**

B14	MSc in Mechanical Engineering	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Mechanical Engineering is designed to provide a flexible route to a master's qualification for students who have completed a Bachelor's degree. It addresses advanced topics over a wide range of Mechanical and Manufacturing Engineering subjects. Within the MSc, there is a wide range of module options and an excellent opportunity to engage in topical research with leading research groups within the School of Engineering, as an important part of this programme is a research dissertation, which directly builds on some of the content of the modules.

Indicative Content: Core – Research Methods; Research Project. Sample Options – Advanced Materials; Advanced Thermal Fluid Sciences; Micro and Precision Manufacturing; Supply Chain Management; Wind Energy; Energy Policy and Demand; Advanced Spatial Analysis Using GIS; Medical Device Design; Tissue Engineering; Biomechanics; Biomaterials.

Admission Requirements: Candidates for this programme must normally hold a first or Second-class, first division Honours bachelor's degree in engineering or a cognate discipline.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2vqU61p

Application: Apply online via the programme webpage.

B15	MSc in Transport Engineering, Policy & Planning	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Transport Engineering, Policy and Planning provides education and training to the next generation of Transport Professionals. The programme aims to equip students with the skills to address the numerous challenges in the transportation field. The programme examines areas of transport policy, planning, design, modelling and analysis. The programme also incorporates modules addressing issues such as climate change, sustainability, and renewable energy.

Indicative Content: Civil Engineering Management; Engineering Dissertation; Engineering Project; Research Methodology; Transport Policy; Transportation Modelling & Planning; Intelligent Transportation Systems; Transport Design.

Admission Requirements: An upper second Honours degree (or equivalent) in a Civil Engineering.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://www.tcd.ie/civileng/msc-in-transport-engineering-policy-and-planning/

Application: Apply online via the programme webpage.

B16	MEngSc in Structural Engineering	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The programme includes specialist modules in structural dynamics, bridge engineering, structural design and professional engineering. You will also learn how to work in a multidisciplinary setting through combined modules with Architecture students. The programme provides advanced learning in the field of Structural Engineering and will provide you with an ability to identify, formulate, analyse and solve complex structural engineering problems.

Indicative Content: Core – Realising Built Projects; Innovation Leadership; Structural Dynamics; Structural Research Project; Advanced Materials; Analysis of Structures 3; Quantitative Methods for Engineers. Options – Agency Design/Build; Design of Structures 3; Bridge Engineering; Geotechnics 4; Energy Systems in Buildings; Professional Engineering (Management).

Admission Requirements: An honours undergraduate degree with minimum 2:1 award or international equivalence in a Civil Engineering or Structural Engineering degree programme.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: [shortened as] http://bit.ly/2ctjjzc

Application: Apply online via the programme webpage.

B17	MEngSc in Chemical Engineering	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MEngSc in Chemical Engineering offers advanced level education for students with primary degrees in chemical engineering/technology programmes. This programme covers advanced topics in chemical engineering and includes extensive project work in both design (featuring both individual and team elements/efforts) and in an individualised research project. On this programme students will improve their conceptual and practical skills in both the fundamental and applied principles of chemical engineering practice. Opportunities for employment exist in a broad range of areas including: the pharmaceutical industry, the

petrochemical and energy industries, the ICT industries including medical devices, and the heavy chemicals industries.

Indicative Content: <u>Core</u> – Chemical & Bioprocess Reaction Engineering; Chemical & Bioprocess Engineering Design; Environmental Engineering; Advanced Separation Processes; Advanced Heat Transfer and Fluid Mechanics; Advanced Experimental Design; Chem Proc Sust. & Ren Energy; Chemical Engineering Project; Process Control; Advanced Process Design. <u>Options</u> – Bioreactor Modelling and Control; Advanced Characterisation Tech.

Admission Requirements: A Chemical Engineering honours undergraduate degree with a minimum upper second-class honour (2.1) or international equivalence.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2S993ns

Application: Apply online via the programme webpage.

| **B18** | **MEng in Applied Materials** | **ITC** |

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: The Master of Engineering in Applied Materials will provide learners with the expertise, tools and techniques essential to material characterisation, simulated design, failure analysis, and applied materials selection. This programme focuses on the formulation of new solutions, principles, and methods to illustrate and evaluate the failure of mechanical components, identify functional deficiencies, and formulate design solutions. Learners will experience materials from an atomic level to component response simulation, using appropriate software-based formats. They will learn to synergise modern post-processing methods and advanced manufacturing techniques, as applied to a range of high-performance challenges including AM-embedded sensing for aerospace applications, surface-responsive technologies for smart water and wastewater infrastructure, environmentally responsive bulk materials to replace unsustainable single-use plastics and films.

Indicative Content: Materials Science in Engineering; Finite Element Analysis; Design Driven Innovation; Materials in Processing and Industry 4.0; Applied Mechanics of Materials; Research Methods for Engineering; Innovation for Sustainable Enterprise; Dissertation; Work-based Project & Professional Development.

Admission Requirements: Graduates with a minimum for 2.1 honours in a degree such as Mechanical/Material Engineering or equivalent programme.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3vT7Tv0

Application: Apply online at https://www.itcarlow.ie/international.htm.

C

Development Studies, Peace Studies, Human Rights, International Relations, Politics, Public Policy

C1	MA in Public Advocacy and Activism	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The MA in Public Advocacy and Activism is an interdisciplinary programme that combines training in the practical skills of advocacy and activism with an exploration of the theories and concepts which inform these fields. By drawing on the expertise of scholars and practitioners across these fields, the MA in Public Advocacy and Activism provides the skills crucial for those who wish to work in organisations which seek to shift attitudes and initiate change, including those working in community organisation, international relations, development, labour, rights, health and the environment.

Indicative Content: Core – The Practice and Theory of Advocacy; Communications Media and Marketing for Advocates; Short Filmmaking for Advocates; Service Learning for Advocacy and Activism; Dissertation. Options – Political Economy, Colonialism & Globalisation; Human Rights: An introduction for Advocates and Activists; Film & Politics and Colonialism; Organisations and Management for Advocates and Activists; The Social and Political Context of Activism and Advocacy.

Admission Requirements: Minimum Second-class Honours undergraduate degree or equivalent.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: www.nuigalway.ie/publicadvocacy/

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

C2	MA in Environment, Society and Development	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The MA-ESD will engage students on a critical exploration of the various practices of development and security that define our contemporary world, and ultimately how that critique can enable more informed, participatory, and transformative interventionary practices. The programme involves engagement with several core areas in international development, critical security studies and political ecology. It will expose students to global concerns that encompass a complex and dynamic mesh of environmental, geopolitical, and economic processes. Students will also gain vital experience of civic and community engagement in bringing critical thinking to development practice.

Indicative Content: Introduction to Development; Research Methods and Mapping; Critical Geopolitics and Security; Environmental Risk and Resilience; Development and Justice; Field-Based Learning; Research Project and Dissertation.

Admission Requirements: Minimum Second-class (2:2) Honours undergraduate degree or equivalent.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://bit.ly/34Pqv2V

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

| C3 | MSc in Human Rights | UCD |

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Human Rights is a one-year intensive programme that prepares you for a career in human rights research, policy or advocacy in international organisations, governmental and non-governmental bodies, or academia. You will explore the theory, politics and law of human rights and examine the mechanisms and limitations of national and international action to protect human rights.

Indicative Content: Core – Human Rights Law and Equality; Theory of Human Rights; Politics of Human Rights; Research Design. Dissertation Design. Options – Asylum and Refugee: Law, Politics and Rights; Human Rights Practice; Theories of International Relations; Politics of Development; International Political Theory; Comparative Public Policy; International Political Economy, Comparative European Politics; EU Foreign, Security, and Defence Pol.; Politics of European Governance; The Global Political Economy of Europe; Gender & the Political System; Quantitative Text Analysis; International Security; Politics of (Mis-)Information; Internship; Thesis.

Admission Requirements: A primary degree with at least Second-class Honours Grade 1 (2:1) in a relevant subject such as political science, international relations; social science; sociology; history; geography; economics; global studies; public policy, development studies, EU Studies and law.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] http://bit.ly/2tgSzKw

Application: Apply online via the programme webpage.

| C4 | MSc in Humanitarian Action | UCD |

Study Location: University College Dublin

Programme Duration: 12 months

Programme Outline: The programme aims to provide students with a broad foundation in the area of international humanitarian action, in which both critical thinking and research skills are emphasised. The programme is suitable for both recent graduates and experience practitioners working or intending to work in the field of humanitarian action and related areas.

Indicative Content: Evidence-based Community Resilience: Applied Research Design; Linking Localisation and Humanitarian Management; Addressing GBV in Emergencies; Legal Dimensions of HA; World Politics and HA; Social Anthropology; Public Health; Management in HA; Intensive Programme; Minor Thesis.

Admission Requirements: A minimum 2:2 Honour's degree, or international equivalent, in a cognate subject.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3hYBTBp

Application: Apply online via the programme webpage.

| C5 | MA in International Development | MU |

Study Location: Maynooth University

Programme Duration: 15 months

Programme Outline: The MA is designed to prepare participants for work in International Development in a community, local government, youth/adult education, or NGO setting. It offers learners an opportunity to explore contemporary theories of social change and development and to analyse development policies and practices. It builds skills especially in relation to research, leadership and working with groups and in the planning, management and evaluation of development projects. This programme was formerly offered by Kimmage Development Studies Centre.

Indicative Content: Anthropology and Development; Dissertation; Gender and Development; Managing Development Organisations; Participatory Adult Learning for Development; Research Methods; Leaderships in Groups; Human Development; Facilitation for Change; Sustainable Livelihoods and Climate Change Adaptation; Globalisation and Movements for Change; Human Rights and Advocacy; Anthropology and Globalisation; Conflict, Development and Security; Political Economy of Environment & Development; Sustainable Development Policy and Advocacy; Global Food Systems, Climate Change and Development; Development Work Placement Opportunity; Political Economy of Development; Results Based Management for Development; Introduction to Development Theory & Practice.

Admission Requirements: Undergraduate degree (2.2 or higher) in a development related discipline (e.g., Agricultural Science, Anthropology, Economics, Education, Engineering, Geography, Health related discipline, Nutrition, Rural Development, Sociology or other Social Science, etc.) or a recognised international equivalent. Those with a professional background in work related to international development are particularly welcome to apply.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2NB41Ib

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MH50N.**

| C6 | MA in International Development Practice | NUIG |

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The dynamic MA in International Development Practice (MIDP) at NUI Galway focuses on the wide-ranging social, economic, political, and environmental challenges of our rapidly changing world. Spanning global concerns, from sustainable development and climate action to food security and alleviating poverty, this MA's focus on international development challenges enables students to develop capacities to understand and engage with both theories and practices relating to contemporary international development as a distinct career path, with a strong emphasis on inter-disciplinarity. Given that international development challenges are multi-dimensional, they require interlinked strategies across multiple disciplines and perspectives.

This Programme will equip students with the theoretical and evaluative capacity to critically interrogate development policy and practice from a range of multidisciplinary perspectives. It will develop the skills required to analyse the multi-dimensional challenges inherent in sustainable development and to work in a development programme implementation environment and build competencies that are required to work professionally in an international development context/organisation.

Indicative Content: <u>Core</u> - Introduction to Development; International Development Policy and Practice; Project Management; Data Analytics and Statistics; Research Communications for Development. <u>Options</u> – Climate Change, Agriculture and Food Security; Development, Security and Governance; Human Rights; Gender; Sustainable Development practice.

Admission Requirements: A strong, upper Second-class degree (2:1) in the social sciences, environmental sciences, management, health, human rights, engineering or science.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: *Not yet available.*

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

C7	MSc in Economics – International Development	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Economics focuses on developing the core technical skills needed to undertake research in economics. It emphasises active and problem-based learning to ensure mastery of the basic skills. The Economics – International Development strand aims to make you familiar with the latest topics, methods and policies employed in the economics of International Development. As our graduate, you will be well-placed to pursue a successful career in the private sector, government, international organisations, non-governmental organisations, or prepare yourself for a career in economic research.

Indicative Content: <u>Core</u> – Linear Regression, Consumption & Production; Panel Data; Long-Run Development; Maths & Stats; Multivariate Analysis; Research Methods; Time Series; Multivariate Analysis; Dissertation. <u>Options</u> – Consumption & Investment; Economic Growth, Emergence of Macroeconomic Policy; Economics of the Household; Political Economy; International Macroeconomics; Economics of Conflict; Impact Evaluation; Monetary Policy.

Admission Requirements: Bachelor's degree in economics, or another subject with a strong quantitative component, with a 2.1 classification (or equivalent).

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://www.tcd.ie/Economics/postgraduate/msc-economics/

Application: Apply online via the programme webpage.

C8   MA in International Development   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in International Development is designed to provide you with an interdisciplinary understanding of the process of development by bringing together expertise in politics, economics, agriculture, political economy and other areas. The MA International Development is a 90-credit programme. Full-time students must take a total of 65 credits between core and optional taught modules. Students must also submit a thesis worth 25 credits that will be written during the summer term.

Indicative Content: Core – Politics of Development; Governance, Pol, Dev.; Research Design; Thesis; Options – Theories of International Relations; Development and Global Justice; International Political Theory; Africa: Crisis & Opportunity; Governing the Global Economy; Introduction to Statistics; Politics European Governance; Politics of Human Rights; Middle East & North Africa; Global Political Econ of Europe; Political Violence; Psychology of Conflict in MENA; Gender & the Political System; Global Classroom; Programming for Soc Scientists; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign and Security Policy; Theory of Human Rights; Qual Research Methods for Pol; Gender, Peace, and Security; The Politics of Inequality; Behaviour in Middle East; Peace & Conflict Studies; Political Theory and the EU; Quantitative Text Analysis; International Security; Politics of (Mis-)Information.

Admission Requirements: A primary degree with at least Second-class Honours Grade 1 (2H1) in a relevant subject such as political science, international relations, social science, sociology, history, geography, economics, global studies, public policy, development studies, EU studies, law.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpages: [shortened as] https://bit.ly/2kGpiVL

Application: Apply online via the programme webpage.

C9   MSc in International Development   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in International Development is designed to provide you with an interdisciplinary understanding of the process of development by bringing together expertise in politics, economics, agriculture, political economy and other areas. This MSc in International Development is a 90-credit programme. Full-time students must take a total of 65 credits between core and optional taught modules. Students must also submit a thesis worth 25 credits that will be written during the summer term. MA students have the option of pursuing an internship in lieu of a thesis.

Indicative Content: Core – Introduction to Statistics; Qualitative Research Methods for Politics; Politics of Development; Governance, Pol, Dev; Thesis. Options – Theories of International Relations; Development and Global Justice; International Political Theory; Africa: Crisis & Opportunity; Governing the Global Economy; Politics European Governance; Politics of Human Rights; Middle East and North Africa; Global Political Econ of Europe; Political Violence; Psychology of Conflict in MENA; Gender & the Political System; Global Classroom; Programming for Soc Scientists; Comparative Public Policy; International Political Economy; Comparative

European Politics; EU Foreign and Security Policy; Theory of Human Rights; Gender, Peace and Security; The Politics of Inequality; Pol. Behaviour in Middle East; Peace & Conflict Studies; Political Theory and the EU; Quantitative Text Analysis; International Security; Politics of Mis-Information; Connected Politics.

Admission Requirements: A primary degree with at least Second-class Honours Grade 1 (2H1) in a relevant subject such as political science, international relations, social science, sociology, history, geography, economics, global studies, public policy, development studies, EU studies, law.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpages: [shortened as] www.bit.ly/2ckKVbm

Application: Apply online via the programme webpage.

C10	MPhil in International Peace Studies	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Overview: International Peace Studies examines the sources of war and armed conflict and suggests methods of preventing and resolving them through processes of peacemaking and peacebuilding. The programme combines perspectives from international relations, ethics and conflict resolution to reflect critically upon the wide range of social, political and economic issues associated with peace and political violence. A week-long Mediation Summer School provides an opportunity to develop practical skills in the area of conflict resolution and mediation. There is also the option to participate in various field trips in Ireland and abroad.

Indicative Content: Core – The Politics of Peace and Conflict, Research Methods; Dissertation. Options – International Politics; Conflict Resolution and Nonviolence; Armed Conflict, Peacebuilding and Development; The United Nations and Conflict Resolution; Human Rights in Theory and Practice; Gender, War and Peace; Gender Theories; Discoursing Gender; Russia – EU Relations; Religion, Conflict and Peace in International Relations; NGOs in Theory and Practice: Internship Module.

Admission Requirements: Applicants should normally have an Honours degree at Second-class level or GPA 3.2 or above. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2in6YMJ

Application: Apply online via the programme webpage.

C11   MSc in International Politics   TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The objective of the programme is to develop students' knowledge of international politics with a comprehensive empirical approach to understanding many prominent problems in contemporary world politics, especially topics where domestic and international politics cannot be understood in isolation from each other.

Indicative Content: Core – International Conflict; Research Design; Introduction to Quantitative Research Methods; International Politics; Dissertation. Options – Global Justice; Government and Politics of the EU; Violence and Political Order; Environmental Politics; The Political Economy of International Development; European Union Policy Making; State and Society in the Developing World; Russian Politics under Putin; Interviews in Political Science; Varieties of Authoritarianism; Economic Inequity and Democracy; Political Illiberalism.

Admission Requirements: Candidates should normally have achieved an upper Second-class honour degree or higher from an established university. GPA scores of at least 3.3 out of 4, or equivalent, will be expected from international applicants. A background in a social science will be an advantage but not a necessity. Applications are expected from candidates with a single or joint Honours degree in Political Science, Economics, European Studies, History, Sociology, Business and Law.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2hdU6vi

Application: Apply online via the programme webpage.

C12   MA in International Relations   DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: This programme explores the concepts, forces, and processes underpinning international relations, as well as looking at the role of powerful states, international organisations, legal frameworks, foreign policy, and the international political economy.

Indicative Content: Core – International Relations Theory; Principles of Public International Law; Research Methodology; International Political Economy; Dissertation. Options – Gender Sexuality and Migration; Environmental Change and World Politics; EU Foreign and Security Policy; Policing and Society; Emerging Issues in Security; Politics and Foreign Policy of China; Race, Minorities and Indigenous in International Law; International Development Practice; American Foreign Policy; European and International Human Rights Law; Russia & The former Soviet Space; Irish Foreign Policy; Conflict, Security and Peacebuilding; Contemporary Politics in Latin America; Politics of the UN; Politics of the Middle East and North Africa; War and Peace in South Asia; Religion, Human Values & International Relations.

Admission Requirements: An undergraduate degree in any discipline with a minimum 2:2 or equivalent.

IELTS: Composite score of 6.5 or above, with no less than 6.0 in any one component

Programme Webpage: [shortened as] https://bit.ly/2MMC5RQ

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC608**

C13	MA International Relations	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The MA in International Relations is a one-year comprehensive course. It draws on international relations, conflict/peace studies and international history. The course explores issues such as war and peace, the international order, international crises, counterinsurgency, terrorism and foreign policy. It combines an exploration of the contemporary world with a study of the past. This one-year master's course has both taught and research phases.

Indicative Content: Core – US Foreign Policy and Contemporary History; Issues in World Politics; International Relations Theories and Approaches; Foreign Policy and Diplomacy: Case Studies in Crises and Decision-making; Dissertation. Options – War and Peace: The European State System from 1648 to 1990; The Politics of Terrorism; European Security; Public International and Contemporary Issues in Public International Law; Work Placement and Portfolio.

Admission Requirements: A Second Class Honours Grade I in a primary honours degree or equivalent in a suitable subject. Second Class Honours Grade II may also be considered.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://www.ucc.ie/en/cke45/

Application: Apply online at https://www.ucc.ie/en/apply/

C14	MA in International Studies	UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: The MA in International Studies uses the disciplinary insights provided by international relations theories to investigate and explain contemporary international issues such as terrorism, nuclear proliferation, global inequality and child soldiers. The programme equips students with substantive knowledge about a variety of international political phenomena, competence in the use of social scientific research methods, as well as analytical and transferable skills.

Indicative Content: Core – Seminar in International Relations; Research Methods; Seminar in International Co-operation and Conflict; Dissertation. Options - Development Seminar; Institutions and Policies of European Union; Contemporary Political Theory; Multilevel Governance; Conflict Analysis; Comparative Politics; Peacebuilding; European Governance; External Relations of the EU; Russian and Post-Soviet Politics; Foreign Aid and Development; Global Justice; Representative Democracy in Europe; International Political Economy.

Admission Requirements: Normally a minimum 2:2 degree in a relevant discipline (e.g., economics, history, geography, political science, sociology, European studies, law).

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpage: [shortened as] https://bit.ly/33DPshq

Application: Apply online via the programme page.

C15	MA in International Security and Conflict Studies	DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: Students in this programme will gain an in-depth knowledge of the political, social, economic, historical, and cultural contexts of the international security system and its institutions, including international security organisations and the law of armed conflict.   Students will gain understanding of specific aspects of international security in the contemporary world, including peacekeeping and peace-making interventions, terrorism, failed states, and human security.

Indicative Content: <u>Core</u> – International Law and Conflict; Resolving and Managing Conflict; International Security; Research Methodology; Dissertation. <u>Options</u> – Gender Sexuality and Migration; Environmental Change and World Politics; EU Foreign and Security Policy; Policing and Society; Emerging Issues in Security; Politics and Foreign Policy of China; International Development Practice; American Foreign Policy; European and International Human Rights Law; Russia & The Former Soviet Space; Irish Foreign Policy; Conflict, Security and Peacebuilding; Political Terrorism; Contemporary Politics in Latin America; Politics of the UN; Politics of the Middle East and North Africa; War and Peace in South Asia; Religion, Human Values & International Relations.

Admission Requirements: An undergraduate degree in any discipline with a minimum 2:2 or equivalent.

IELTS: Composite score of 6.5 or above, with no less than 6.0 in any one component.

Programme Webpage: [shortened as] https://bit.ly/2BdP3qv

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC629**

C16	MA in Peace and Conflict	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme uses comparative political science models and methods to analyse patterns of conflict and settlement, with a focus on internal violent conflicts, past and present. This programme allows analysis of the different ways that religion, ethnicity and inequality combine to generate violence. Specialist resources in the study of theories of ethnicity, identity, conflict; comparative ethnic conflict; Northern Ireland, Western Europe and relevant cognate specialisms in civic republicanism, justice and human rights, international security, European politics, and development studies.

Indicative Content: <u>Core</u> – Psychology of Conflict in the Middle East; Peace and Conflict Studies; Research Design. <u>Options</u> – Media and US Foreign Policy; Asylum and Refugee: Law, Politics and Rights; Theories of International Relations; Politics of Development; International Political Theory; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security, and Defence Pol.; Introduction to Statistics; Politics of European Governance; Politics of Human Rights; Theory of Human Rights; Qualitative Research Methods for Political Science; The Global Political Economy of Europe; Gender, Peace and Security; The Politics of Inequality; Governance Pol, Dev.; Political Violence; Political Theory and the EU; Gender & the Political System; Quantitative Text Analysis; International Security; Politics of (Mis-)Information; Global Classroom; SPIRe Internship; Thesis; Programming for Social Scientists; Nationalism and Social Change.

Admission Requirements: A primary degree with at least a Second-class Honours Grade 1 (2H1) in a relevant subject such as political science, international relations, social science, sociology, history, geography, economics, global studies, public policy, development studies, EU studies, law.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2DWuNLS

Application: Apply online via programme webpage.

C17	**MSc in Peace and Conflict**	**UCD**

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme uses comparative political science models and methods to analyse patterns of conflict and settlement, with a focus on internal violent conflicts, past and present. This programme allows analysis of the different ways that religion, ethnicity and inequality combine to generate violence. Specialist resources in the study of theories of ethnicity, identity, conflict; comparative ethnic conflict; Northern Ireland, Western Europe and relevant cognate specialisms in civic republicanism, justice and human rights, international security, European politics, and development studies.

Indicative Content: <u>Core</u> – Introduction to Statistics; Qualitative Research Methods for Political Science; Psychology of Conflict in the Middle East; Peace and Conflict Studies; Thesis. <u>Options</u> – Media and US Foreign Policy; Asylum and Refugee: Law, Politics and Rights; Theories of International Relations; Politics of Development; International Political Theory; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security; and Defence Pol., Politics of European Governance; Politics of Human Rights; Theory of Human Rights; The Global Political Economy of Europe; Gender, Peace, and Security; The Politics of Inequality; Governance, Pol., Dev; Political Violence; Political Theory and the EU; Gender & the Political System; Quantitative Text Analysis; International Security; Politics of (Mis-)Information; Programmes for Social Scientists; Connected Politics; Nationalism and Social Change.

Admission Requirements: A primary degree with at least Second-class Honours Grade 1 (2H1) in a relevant subject such as political science, international relations, social science, sociology, history, geography, economics, global studies, public policy, development studies, EU studies, law.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3bTXhE9

Application: Apply online via the programme webpage.

C18 MA in Peace and Development Studies UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: Students investigate debates about the origins and nature of conflict and explore a range of approaches to conflict resolution. Contemporary cases of conflict and responses to these are examined, as are the connections between peacebuilding and development. Students further examine theories of economic and political development and explore contemporary strategies and practices of development.

Indicative Content: Core – Graduate Seminar in Development; Graduate Research Methods; Graduate Seminar in Peacebuilding; Dissertation. Options – Graduate Seminar in International Relations; Graduate Seminar in Institutions and Policies of the European Union; Graduate Seminar in Contemporary Political Theory; Multilevel Governance: concepts and practice; Conflict Analysis; Graduate Seminar in Comparative Politics; Graduate Seminar in International Co-operation and Conflict; Graduate Seminar in European Governance; Global Transformation and Exclusion; External Relations of the European Union; Russian and Post-Soviet Politics; Foreign Aid and Development; International Security; Development Practice and Programme Management; Global Justice; Representative Democracy in Europe; Mainstreaming Social Inclusion; International Political Economy.

Admission Requirements: Normally a primary degree in a relevant discipline with a minimum 2:2 Honours or an approved equivalent qualification.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3hjn2hA

Application: Apply online via the programme page.

C19 MA in Philosophy, Politics and Economics MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: This M.A. brings together at a postgraduate level some of the most important approaches in Philosophy, Politics, and Economics to obtain the necessary abilities and understanding to deal with the challenges of globalisation and a globalised economy, democracy and becoming a responsible citizen, by addressing the intrinsic relationships between these subjects. Modules from the Department of Law will also be used, where suitable, to enable the students on an interdisciplinary level to engage with the practical political, social, and economic challenges faced by society today.

Indicative Content: Core – Power, Wealth and Corruption; Dissertation. Options – Microeconomics; Macroeconomics; Fundamentals of Econometrics; Econometrics; Migration and Human Rights; Criminology and Criminal Justice; Information Privacy Law; The Emergence of the Concept of Rights; Social Science Analysis; International Development Theories, Concepts and Debates in their Historical and Social Context; Industrial Organisation; Labour Economics; Economic, Social and Cultural Rights; Political Economy; Qualitative Methods.

Admission Requirements: The degree is targeted at high quality undergraduate students who have obtained at least a 2.2 degree in either PPE, Economics, Philosophy, Politics or a related subject. A Background in Economics is highly recommended.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2BFmtyC

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MHV64**

C20	MA in Public Affairs and Political Communication	TUD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: The Master of Arts in Public Affairs and Political Communication is a one-year full time programme combining lectures, project work, the production of an academic dissertation and internship with a view to preparing students for a successful career in public affairs and political communication. The programme also involves a placed internship of up to fifteen hours a week, in a public, private and not for profit organisations engaged in public affairs, including Dáil and Seanad Éireann. Possession of a laptop personal computer will be a pre-requisite of the programme.

Indicative Content: Public Affairs; Political Marketing; Political Structures; Ethics and Political Process; Public Affairs Writing; TV Environment and Presentation; Corporate Environment and Strategy; Research Techniques.

Admission Requirements: Entry is confined to holders of an Honours bachelor's degree (2.2 grade or higher). Selection is based on the candidates understanding of and motivation for a career in public relations.

IELTS: Minimum 7.0 overall score required with no section less than 7.0.

Programme Webpage: [shortened as] https://bit.ly/3h6sfc7

Application: Apply online via the programme webpage.

C21	MSc in Public Policy	DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: The MSc in Public Policy's range of modules equips participants with a range of social science skills, such as quantitative analysis, research design, economics and communications methods to develop, analyse, evaluate and communicate public policies. The programme is capped with an innovative internship on which the dissertation will be based. The internship gives participants the chance to work as a consultant and as part of a team that provides advice to a number of public organisations.

Indicative Content: Core – Public Policy Analysis; Public Law and Political Philosophy; Policy Analysis Exercise; Policy Challenges; Quantitative Methods for Social Sciences; Research Methodology. Options – Communicating

Policy; EU Institutional Law; Climate Change Policy and Governance; Policing and Society; Key Issues in European Migration Law & Policy; Climate Change and Cities; Irish Foreign Policy.

Admission Requirements: An undergraduate degree in any discipline with a minimum 2:2 or equivalent.

IELTS: Composite score of 6.5 or above, with no less than 6.0 in any one component

Programme Webpage: [shortened as] https://bit.ly/2MwSxZB

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC648**

C22	MSc in Government and Politics	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The MSc in Government and Politics is an exciting interdisciplinary taught master's programme that provides graduates with the expertise and work experience required for successful careers in public policy environments. The focus of the MSc Government and Politics is on governance. The programme examines issues such as developments in democratic theory, regulatory reform and international relations. It also examines contemporary policy debates at a range of levels, looking at political reform in the Irish context, the changing dynamics of European governance as well as the challenges faced by democracy and the protection/advancement of human rights in the twenty-first century.

Indicative Content: Contemporary Global Politics; EU Political System and Policies; Political Science Research Methods; Comparative Political Institutions; Political Participation and Mobilisation; European Democracy, Citizenship, Memory, and Identity; Core Themes in Political Philosophy; Dissertation in Government and Politics; Work Based Dissertation in Government and Politics.

Admission Requirements: A Second-class Honours (2:2) in a primary honour's degree or an equivalent academic or professional qualification, in one of the following areas: Social Science, Arts, Commerce, Law or a related discipline.

IELTS: Minimum 6.5 overall score required with no individual section lower than 5.5.

Programme Webpage: https://www.ucc.ie/en/cke70

Application: Apply online at https://www.ucc.ie/en/apply

C23	MSc in International Public Policy and Diplomacy	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The programme will give you access to expertise across a diverse range of subjects and is strongly orientated toward vocational skills training, through programme work and the opportunity to undertake a work placement. The programme will be of interest to you if you aspire to a career in, or are already working in,

departments of foreign affairs and other government ministries, international political and financial organisations, the armed forces, aid agencies, non-governmental organisations, think-tanks, and international businesses.

Indicative Content: <u>Core</u> – Contemporary Global Politics; EU Political System and Policies; Global Economic Policies and Institutions; Foreign Policy and Diplomacy: Case Studies in Crises and Decision-Making; Contemporary Issues in International Law; Introduction to European Union Law; Organisational Dynamics; Dissertation. <u>Options</u> – European Security; Political Science Research Methods; Comparative Political Institutions; Politics and Gender; Political Participation and Mobilisation; Revolution, Decolonisation and the Arab Spring.

Admission Requirements: Minimum 2:1 Honour's degree in any subject. Consideration may be given to applicants with a 2:2 degree subject to their 'personal statement' and reference, and to others who do not meet the above criteria but who have sufficient relevant professional experience.

IELTS: Minimum 6.5 overall score required with no individual section lower than 5.5.

Programme Webpage: https://www.ucc.ie/en/ckd56/

Application: Apply online at https://www.ucc.ie/en/apply

C24	MPhil in Race, Ethnicity and Conflict	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Overview: This programme critically examines the techniques used by states to manage population movement and conflict, their social and cultural impact and the responses they elicit. It is unique in the way it applies race-critical, cultural and postcolonial theories to racialization, population movement, conflict and peace-making. It is designed for people who work or wish to work in any of these fields, and/or who are thinking of PhD research. There is a focus on Ireland, Europe (including the Balkans), the US and the Middle East.

Indicative Content: <u>Core</u> – Theories of Race & Ethnicity; Research Methods; Theories of Conflict; Dissertation. <u>Options</u> – Racism and Resistance; Statelessness and Forced Migration; Conflict Zones: Case Studies; Gender and Race; Labour, Migration and Conflict; Questions of Identity in Europe.

Admission Requirements: Candidates should have an Honours Bachelor's degree (preferably upper second-class Honours or equivalent, GPA of at least 3.2) in one of the social sciences or a degree that includes social science as a component. However, consideration will also be given to applicants with other relevant academic qualifications, work experience in the fields of population movement or conflict and/or publications that demonstrate analytical skills.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2LOiynB

Application: Apply online via the programme webpage.

G25   MA in Race, Migration and Decolonial Studies   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This MA in Race, Migration and Decolonial Studies programme examines the global historical legacies and entanglements of colonialism, imperialism, and neoliberalism as they underpin these and other contemporary injustices exacted upon the vulnerable, the precarious, the stigmatised. In the tradition of black feminist, critical race and decolonial perspectives, the theories and practices of scholars, cultural workers and activists of colour and other 'others' constitute central components of its pedagogy. There are exciting opportunities for students in a wide and dynamic range of professions including careers in: Media and Public Relations; Policy Analysis and Service Provision; Social, Community and Youth Development; Politics and Civil Society; and in Cultural and Creative Industries.

Indicative Content: <u>Core</u> – Migrations, Occupations & Inhabitations; Critical Race & Decolonial Theory; Dissertation. <u>Options</u> – Gender and Sexuality in Theory and Representation; Queer Frictions: Gender and Sexuality in Contemporary Literature & Culture; Human Rights Law and Equality; Feminist Media Studies; Latin America: Social Movements and Postcolonial Approaches; Critical Geographies: Spatialising Power and Inequalities; Space, Place and Gender: Interrogating Feminist Geographies; Culture and Sexualities; Anticolonial Thought in the Twentieth Century; Introduction to Public History: Practicing Public History; A Global History of Refugees; Policing & Social Conflict; Health, Illness and Society; Workshop in Qualitative Research; Nationalism and Social Change; Organised Violence and Society; Independent Project; Social Thinking in the Digital Age.

Admission Requirements: Applicants should normally have a primary degree in sociology or social science, or a closely related discipline. A Second-class Honours Grade One (2:1) or higher is required but Second -class Honours Grade Two (2:2) standard or equivalent may be considered. Applicants may be called for an interview.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3zfZtzI

Application: Apply online via the programme webpage.

C26   MA in Refugee Integration   DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: This programme develops an in-depth, multi-faceted knowledge of issues raised by the arrival of asylum seekers and refugees in different jurisdictions. It explores how best to respond to the needs of newly arrived populations and host societies to ensure harmonious integration processes.

Indicative Content: <u>Core</u> – Forced Migration and Host Societies; The Refugee Journey: Mobility, Adaptation, and Integration; Community Interpreting Theory; Migrant Populations, Education and Second Language Acquisition; Research Methods; Dissertation. <u>Options</u> – Gender, Sexuality and Migration; Translation in Crises; Environmental Change and World Politics; International Development Practice; Key Issues in European Law and Policy; Politics and Development in Africa; Politics of the UN: Politics of the Middle East and North Africa.

Admission Requirements: An undergraduate degree in any discipline with a minimum 2:2 or equivalent.

IELTS: Composite score of 6.5 or above, with no less than 6.0 in any one component.

Programme Webpage: [shortened as] https://bit.ly/2MR3bY6

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC663.**

D

International Law, Human Rights Law, Business Law

D1   LLM (International Business Law)   MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The programme will enable law graduates to further their legal education by gaining a systematic understanding of the critical issues at the forefront of select areas of international business law. The programme also aims to develop legal research, reasoning, writing, advocacy, and teamwork skills, which are highly sought after by employers.

Indicative Content: Core – International Law on Foreign Investment; Professional Development; Capital Markets Law; Dissertation. Options – Patents, Health and Biotechnologies World Trade Law; Islamic Finance Law EU External Relations Law and Policy; Funds Law; Information Technology Law Placement.

Admission Requirements: Applicants are required to have an undergraduate degree in law (a minimum 2.2 grade, Honours (level 8) degree in law (a 'licence', an LLB or equivalent).

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2N6lysg

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MH52J**

D2   LLM (Business Law)   UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: This LLM in Business Studies combines a focus on realities of business law in practice with a broader discussion of relevant theoretical and policy issues. The programme builds on the school's wide range of expertise and knowledge in a broad range of aspects of business law, including banking, commercial, corporate, financial services, and insolvency, and in regulation and compliance in the business area. Students will be equipped with the knowledge and skills needed to engage with the practical operation of business law.

Indicative Content: Core – Business Law in Practice; LLM (Business Law) Dissertation. Options – Intellectual Property Law; Intellectual Property and Internet Regulation; Consumer Rights: Law and Policy; Law of Secured Lending; Environment Law in Practice; Method in Environmental Law; Contemporary Issues in EU Competition Policy; IT Law Clinic; Climate Change Law and Policy; Advanced Alternative Dispute Resolution; European Corporate Restructuring, Insolvency and Rescue; Brexit – Legal and Political Perspectives; Brexit and the Future of Europe; Fin Tech: Law and Regulation; E-Commerce; Financial Institution and Money Markets; Treasury Risk Management; Regulation and Compliance in Capital Markets; Co-operatives and the Third Sector; Co-operative and Social Enterprise.

Admission Requirements: A Second-class Honours Grade 1 (2:1) in a primary honours Law Degree.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://www.ucc.ie/en/ckl38/

Application: Apply online at https://www.ucc.ie/en/apply

D3	LLM in International and Comparative Law	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: This programme will allow students to engage meaningfully in comparative legal research using mature comparative law methodology and develop flexibility, adaptability, and independence in order to engage productively with a changing, social, cultural and international environment. The programme is very flexible and offers a broad range of modules for students to choose from.

Indicative Content: International and European Rights Law; International Humanitarian Law; International Economic Law; Islamic Law; Refugee Law; International Aviation Law; Freedom of Expression; Intellectual Property Law.

Admission Requirements: A good Honours law or law-based interdisciplinary bachelor's degree. Applications will also be considered from exceptional graduates in related disciplines in the Arts, Humanities, and Social Sciences who can convincingly demonstrate that their studies have fully prepared them for the LLM.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3pYtgZw

Application: Apply online via the programme webpage.

D4	LLM in International and Comparative Disability Law and Policy	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The introduction of the United Nations Convention on the Rights of Persons with Disabilities has resulted in significant changes in the area of Disability Law and Policy. Dealing with the process of law reform in the field of disability, this programme delivers a solid grounding for future practitioners, policymakers and academics in the disability reform.

Indicative Content: Core – Foundational Theoretical Framework for Disability Law and Policy; Dissertation. Options – Mental Health Law and Policy Advocacy and Access to Justice; Regional Disability Law and Policy; Legal Capacity Law and Policy; Law and Policy on Independent Living; Inclusive Education Law and Policy; Contemporary Challenges in Disability Law and Policy; International Human Rights Disability Clinic.

Admission Requirements: Applicants must hold a Second-class Honours Grade 1 degree in law. In exceptional circumstances, applicants holding a degree in another discipline or a degree of less than a Second-class Honours Grade 1 standard may be considered where they have relevant professional experience in law or disability rights.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: [shortened as] www.bit.ly/1J2PHhs

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

D5	LLM in International Human Rights	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: This programme aims to prepare graduates for work in the field of international human rights, with international organisations, non-governmental organisations and as individual advocates. While the emphasis of the programme is legal it accepts suitably qualified candidates from other backgrounds in the firm belief that human rights itself is multidisciplinary. The LLM programme aims to build specific and general skills with respect to the modern regime of human rights protection, and knowledge of the philosophies and theories that underpin it.

Indicative Content: Core – Introduction to International Human Rights Law; Dissertation. Options – Business and Human Rights; Children's Rights; Conflict and Post-Conflict; Counter-Terrorism and Human Rights; Economic, Social and Cultural Rights; European Convention on Human Rights; European Union and Human Rights; Gender and Human Rights; Human Rights, Sexual Orientation and Gender Identity; Human Rights Field Work; Islam and Human Rights; International Criminal Law; International Criminal Procedure; International Humanitarian Law; Introduction to Human Rights; Minority Rights; Peace Support Operations; Public International Law; Procedure Before International Criminal Courts; Refugee Protection; Right to Development; Transitional Justice.

Admission Requirements: It is preferred that applicants hold a degree in Law. However, the Centre also welcomes students with undergraduate degrees in disciplines other than law. In cases where applicants come from a non-law background, the Centre for Human Rights will consider academic background, relevant work experience, references, and personal statement. Applicants must normally have attained at primary degree level a result of Second-class Honours Grade 1 or equivalent. However, those falling short of this standard may be considered where they can demonstrate other appropriate academic accomplishments as well as relevant work experience.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: [shortened as] www.bit.ly/1UUvp0n

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

D6	LLM in International Human Rights	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The programme qualifies you to work in the field of human rights, either internationally or in Ireland, as a practising lawyer, legal adviser, policymaker, advocate, researcher or academic. Students will learn to understand and think critically about the intersections between law, politics and international relations that come to the fore in the study of human rights.

Indicative Content: Core – Human Rights Law and Equality; Law of the ECHR; Theory of Human Rights; Politics of Human Rights; Dissertation. Options – International Economic Law; NGOs: Law, Governance, and Social Change;

Law and Governance of the EU; Climate Change Law and Policy; Online Regulation; Data Protection and Privacy: Asylum and Refugee: Law, Politics and Rights; International Tax Law; Patent Law; Comparative Corporate Governance; Law of Armed Conflict; Culture, Heritage and Human Rights; Human Rights Practice; Politics of Development; Advanced Disability Studies; Disability Policy Legislation.

Admission Requirements: Applicants must hold a Law degree, or an inter-disciplinary degree in which law was a major component. Applicants must have achieved at least an upper Second-class honour or equivalent. Exemption from these requirements may be given to those with significant, relevant, practical experience. Such applicants should state clearly in their application why they feel their experiences are appropriate for admission to the programme.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2cYIdYD

Application: Apply online via the programme webpage.

| D7 | LLM (International Human Rights and Public Policy) | UCC |

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The programme offers students a wide range of human rights law programmes taught by leading experts in their field. It includes interdisciplinary teaching and a unique International Human Rights clinical module which focuses on essential human rights lawyering skills, including oral and written advocacy (legal and policy), strategic litigation, fact-finding and development.

Indicative Content: <u>Core</u> – Human Rights Law in Practice; International Human Rights Law and Public Policy; Contemporary Issues in International Law; International Human Rights Law; Public International Law; Thesis. <u>Options</u> – Law of the European Convention on Human Rights; Criminology; Penology; Juvenile Justice; International Children's Rights; International Criminal Law; Law of Cybercrime; The Family and the Law; Environmental Law in Practice; Method in Environmental Law; Mental Capacity Law; Climate Change Law and Policy; Advanced Alternative Dispute Resolution; International Environmental Law; Refugee and Displacement Law; Human Rights; Territorial Rights.

Admission Requirements: A law degree with at least a 2:1 or have such other relevant third-level educational qualifications and/or professional experience as, in the opinion of the School of Law, qualifies you to undertake the LLM (International Human Rights Law and Public Policy) degree.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: www.ucc.ie/en/ckl27/

Application: Apply online at https://www.ucc.ie/en/apply/

D8   LLM/MA in Human Rights in Criminal Justice   UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: The LLM/MA in Human Rights in Criminal Justice is designed to give graduates an understanding of the interaction between human rights and criminal justice in the 21st century and knowledge of the legal actors, supervisory bodies and institutions central to the field. Students will be given an in-depth understanding of the legal regimes operating at national, regional and global levels and sources of human rights law in the field of criminal justice. In addition to an understanding of the human rights protection mechanisms in this context, students will address the question of how human rights law can be enforced. Students will also develop important transferable skills including analytical, research, communication and report writing skills.

Indicative Content: Comparative International Protection of Human Rights; International Criminal Law; Policing and Human Rights; Comparative and European Criminal Justice; Criminology; Criminal Justice Processes and Sentencing; Penology and Victimology; Advanced Research Skills; Dissertation Methodology; Dissertation.

Admission Requirements: A second-class honours degree, grade 2 (2.2) in law or in a relevant social science subject.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3eKNEJU

Application: Apply online via the programme webpage.

D9   LLM (International Justice)   MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The LLM (International Justice) provides students with critical insights into the international legal system and how it operates to promote and secure justice. It analyses how the international legal order works and how it seeks to address social inequalities and protect vulnerable, marginalised, and oppressed groups. The programme draws on law and other disciplines, including sociology, anthropology, and political science, to provide students with a comprehensive examination of the challenges facing international justice mechanisms today. Work placement opportunities are available as part the programme with partner civil society organisations including the Irish Council for Civil Liberties, Transparency International, the Irish Penal Reform Trust, Trócaire and Oxfam.

Indicative Content: Core – Public International Law; Professional Development; Dissertation. Options – International Human Rights; International Criminal Law; Gender, Sexuality and Law: Comparative Perspectives; World Trade Law; Economic, Social and Cultural Rights; EU External Relations Law and Policy; The Rights of Minorities and Indigenous Peoples; Advocacy.

Admission Requirements: Applicants must have obtained an Honours degree (minimum 2nd class honour) in law or a cognate discipline, such as international relations, social studies, sociology, politics, etc.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2BAxGQX

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MH64J.**

D10	MSc in International Law and Business	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme offers students with undergraduate qualifications in Law or Business (also including economics or finance) the opportunity for advanced study in both disciplines. On completion, students will have developed critical thinking abilities not only on the development of and relationship between the two disciplines, but also on the application of the knowledge to the worlds of law and business. Graduates from this programme will go on to careers with leading international law firms, with multinational professional services firms, as professional advisers and in-house counsel with major multinational businesses and as entrepreneurs in fields where outstanding knowledge of and engagement with international law and business are highly relevant.

Indicative Content: Core – Transactions: Construction, Critique and Contestation; Commercial Networks: Business, Law and Relationships. Options – Environmental Law and Policy; International Economic Law; Advanced Issues in European Competition Law; Corporate Governance; Law and Governance of the EU; International Tax Law; White Collar Crime.

Admission Requirements: A primary degree of at least (2:1) in Law or Business/Economics. In exceptional circumstances, substantial professional experience within a related field may be regarded by the selection panel.

IELTS: Minimum 6.5 overall score required with a minimum of 6.5 in the reading and writing parts and no section below 6.0.

Programme Webpage: [shortened as] https://bit.ly/34Wb0X2

Application: Apply online via the programme webpage.

D11	LLM (Global Legal Studies)	MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The LLM (Global Legal Studies) master's degree provides law graduates with an advanced and systematic understanding of specialised subject areas, affording an ideal platform for students to acquire expertise and knowledge informed by research-led teaching. The distinct international focus of the programme reflects the increasingly global nature of legal practice.

Indicative Content: International Criminal Law; Professional Development; Criminology and Criminal Justice; Gender, Sexuality and Law: Comparative Perspectives; International Law on Foreign Investment; Information Privacy Law; International Human Rights; World Trade Law; Public Procurement Law; Aircraft Financing; Economic, Social and Cultural Rights; EU External Relations Law and Policy; The Rights of Minorities and Indigenous Peoples; Advocacy Funds Law; Information Technology Law; Islamic Finance Law; Dissertation.

Admission Requirements: Candidates should have a minimum 2.2 grade honours degree in law.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2w6fwRR

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MH50J.**

D12	LLM (Marine and Maritime Law)	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The programme integrates theoretical and practical learning of the law and connects module contents with marine and maritime activities taking place in Cork, such as marine environmental research, marine renewables, law enforcement at sea, fisheries management, shipping and port activities.

Indicative Content: Core – Introduction to the Law of the Sea; Admiralty Law; LLM (Marine and Maritime Law Dissertation. Options – Contemporary Issues in International Law; Environmental Law in Practice; Method in Environmental Law; International Biodiversity and Ecosystems Law and Policy; Climate Change Law and Policy; Sale, Insurance and Carriage of Goods by Sea; Global Maritime Security; Port Law; Law of the Sea; International Environmental Law; Marine Environmental Law; Natural Resources Law.

Admission Requirements: Applicants normally hold a Law Degree with at least a Second-class Honours Grade 1. Candidates with other third level qualifications and/or relevant professional experience are also encouraged to apply.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://www.ucc.ie/en/ckl46/

Application: Apply online at https://www.ucc.ie/en/apply

D13	LLM in International Migration and Refugee Law and Policy	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The LL.M in International Migration and Refugee Law is the only programme of its kind on offer in an Irish university. This unique programme enables students to develop their knowledge of international and regional law, policy and practice as it relates to the phenomena of international migration, human trafficking and refugee law. Students can combine the study of international migration with specialised modules in international humanitarian law and peace operations, business and human rights, gender and law, child rights, international criminal law, advocacy, activism and strategic litigation, transnational lawyering, post-conflict justice, Islam and human rights.

Indicative Content: <u>Core</u> – Contemporary Issues in International Migration Law; European Migration Law; International Refugee Law; European Human Rights; The Common European Asylum System; Dissertation. <u>Options</u> – Transitional Justice; Business and Human Rights; Counterterrorism and Human Rights; Contemporary Issues in International Migration Law; Economic, Social and Cultural Rights; Gender and Human Rights; International Humanitarian Law; International Peace Operations; International Human Rights Law; Procedure before the International Criminal Courts; Public International Law; International Child Rights; Minority Rights.

Admission Requirements: A primary degree level a result of Second-class Honours Grade 1 or equivalent in a discipline such as law, political science, international relations, international development or social sciences. In cases where applicants come from a non-law background, the Irish Centre for Human Rights will consider academic background, relevant work experience, references and a personal statement.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: [shortened as] https://bit.ly/2SEwctS

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

D14	LLM in Peace Operations, Humanitarian Law and Conflict	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: This LLM in Peace Operations, Humanitarian Law and Conflict, aims to provide students with a comprehensive insight into global frameworks of international humanitarian law and human rights protection with the addition of a peacekeeping specialisation. It prepares candidates for work in the field of international peace operations, with international organisations, non-governmental organisations and as individual advocates.

Indicative Content: <u>Core</u> – International Peace Operations; International Humanitarian Law; Dissertation. <u>Options</u> – Peace Support Operations; International Humanitarian Law; Business and Human Rights; Children's Rights; Conflict and Post-Conflict; Contemporary Issues in International Migration Law and Transnational Lawyering; Counter-Terrorism and Human Rights; Economic, Social & Cultural Rights; European Convention on Human Rights; European Union and Human Rights; International Criminal Law; International Criminal Procedure; International Refugee Law; Introduction to Human Rights Law; Minority Rights; Public International Law; Procedure before International Criminal Courts; Right to Development; Transitional Justice.

Admission Requirements: Applicants must normally have attained at primary degree level a result of Second-class Honours Grade 1 or equivalent. However, those falling short of this standard may be considered where they can demonstrate other appropriate academic accomplishments as well as relevant work experience.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: [shortened as] https://bit.ly/2OnYRoe

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

E

Health, Medicine, Pharmacy, Biotechnology and related

E1   Master of Public Health   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The Master of Public Health provides broad-based education and training in the basic disciplines which underlie the practice of Public Health including disease epidemiology, research methods and statistics, health promotion, environmental health, health economics, international health, sociology and health policy. Students will acquire (i) knowledge of the factors influencing health status; (ii) an understanding of the organisation and financing of Health Services and their impact on population health; (iii) the epidemiological skills of study design and analysis; and (iv) the ability to work as an active team member in planning, implementing, monitoring and evaluating health policy.

Indicative Content: <u>Core</u> – Fundamentals of Epidemiology; Public Health Practice and Policy; Biostatistics I; Health Promotion; Communicable Disease Epidemiology; Non-Communicable Disease Epidemiology; SDGs and Global Health; Applied Research Methods & Data Management; MPH Dissertation; Sociology & Social Epidemiology; Health Economics and Management. <u>Options</u> – Food Diet and Health; Nutritional Epidemiology; One Health; Risk Perception, Communication and Behaviour Changes; Biostatistics II; Research Methods in Genetic Epidemiology; Risk Analysis in Food Safety; International Health Action; Introduction to Knowledge Synthesis, Systematic Reviews & Meta-Analysis; Graduate Teaching Assistant.

Admission Requirements: This programme is intended for Graduates of Health Science degree programmes (Medicine, Dentistry, Public Health, Pharmacy, Physiotherapy, Occupational Therapy, Nutrition, Nursing, or other), Science degree programmes (Biology, Biochemistry, Food Science, Physiology, Pharmacology, or other) or Social Science degree programmes (Psychology, Sociology, Economics, or other) preferably with a 2.1 Award or higher. Awards of 2:2 or less may be considered with additional suitable credentials. Applicants will be required to provide evidence of the highest level of mathematics achieved in prior education.

IELTS: Minimum 6.5 overall score required with no less than 6.5 in writing and not less than 6 in each other component.

Programme Webpage: [shortened as] www.bit.ly/2czIOMx

Application: Apply online via the programme webpage.

E2   Master of Public Health   UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The aim of this programme is to provide students, from a range of different professional backgrounds, academic and experiential development in the theory and practice of Public Health. The MPH is a multi-disciplinary programme where you can specialise in health promotion, health protection or advanced epidemiology.

Indicative Content: <u>Core</u> – Principles and Practice of Public Health; Applied Research for Public Health; Public Health Informatics; Leadership in Public Health; Graduate Information Literacy Skills; Health Economics for Public Health; Intentional Perspectives on Global Health; Dissertation. <u>Options</u> – Health Promotion: Concepts, Principles and Practice; Public Health and Behavioural Change; Systematic Review and Meta-Analysis; Global Environmental

Health; Critical Public Health; The Principles and Practices of Multi-Disciplinary Health Protection; Global and Environmental Health; Microbiology for Health and Protection; Systematic Review and Meta-Analysis; Advanced Epidemiology; Advanced Biostatistics; Survival Analysis; Minor Dissertation in Public Health.

Admission Requirements: A minimum Normally at least a 2:1 Honour's degree in a relevant subject <u>or</u> at least a 2:1 Honours degree in any discipline with a postgraduate qualification in a relevant field or evidence of at least two years' relevant work experience.

IELTS: Minimum 6.5 overall score required with no section less than 6.5.

Programme Webpage: www.ucc.ie/en/ckx11

Application: Apply online at https://www.ucc.ie/en/apply/

E3	Master of Health Sciences in International Healthcare Management	SAC

Study Location: St. Angela's College

Programme Duration: 1 year

Programme Outline: The purpose of this programme is to prepare healthcare professionals to assume the role of manager/leaders in various health care settings globally. As there is a continued emphasis on corporate governance, fiscal sustainability and leadership accountability, employment opportunities and board positions within this sector will be in demand. Graduates with this knowledge base and skill set will be set to take up these responsibilities and apply this knowledge for the public good.

Indicative Content: Managing Finance in Healthcare Organisations; Principles of Healthcare Leadership; Quality and Healthcare Management; Strategic Management and Leadership Healthcare Ethics; Enhancing Evidence Based Project Management; Healthcare Project Management.

Admission Requirements: A primary degree (min 2:2) in Nursing or any Healthcare related field. Applicants must also have a minimum of two years post registration Nursing / Healthcare related experience.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2RN74VF

Application: An application form will be made available by St. Angela's College.

E4	MSc in Advanced Healthcare Practice	UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: The MSc is designed to enhance graduates' critical thinking and develop evidence-based practitioners as future leaders of effective services. Graduates will obtain an in-depth knowledge of an area of Health Sciences to apply to their professional practice. From this MSc, graduates will be able to describe and appreciate the strengths and weaknesses of the current range of theory and research.

Indicative Content: <u>Core</u> – Evidence Based Practice; Research Methods for Health; Dissertation. Applied Positive Psychology. <u>Options</u> – Independent Learning Module; Principles of Primary & Community Care; Leading & Managing Practice; Social Influence & Attitude Change; Project Management in Practice; Leadership, Change and Innovation Management; Lean Thinking/Lean Tools; Engaging Through Complexity; Innovation in Management for Health & Social Care; Intercultural Care; Qualitative Research Methods in Psychology; Applied Positive Psychology.

Admission Requirements: Healthcare clinicians with a professionally and academically accredited BSc (Hons) or equivalent in a health profession at a minimum award of 2.2 honours level or above.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2Cqx29G

Application: Apply online via the programme webpage.

E5	MSc in Community Health	TCD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: The aim of this course is to enable students from across a broad spectrum of professional backgrounds to gain a grounded understanding of the core principles of public health and their application to the practice of community healthcare, and to increase graduates' employability in community health practice. Among other learnings, students should be able to critically interpret the core principles of public health and their application to community healthcare upon completion of this programme.

Indicative Content: <u>Core</u> – Determinants of Health; Principles and Practice of Community Health; Epidemiology and Healthcare Statistics; Theory and Practice of Enquiry Methods in Health Care; Health Promotion and Management of Chronic Disease; Dissertation. <u>Options</u> – Deconstructing Mental Health and Distress; Child Health Provision in the Community.

Admission Requirements: Applicants are required to hold a minimum 2.1 grade (Second-class honours) in a relevant primary degree.

IELTS: Grade 6.5 overall with a minimum of grade of 6.5 in each category.

Programme Webpage: [shortened as] https://bit.ly/3vZaCTA

Application: Apply online via the programme webpage.

E6	MSc in Global Health	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: This MSc in Global Health aims to provide graduates with a greater appreciation of the global interconnectedness of health problems and to equip them with a range of analytical and methodological skills to

address the challenges of global health. Adopting a multidisciplinary approach, this programme integrates health and social science perspective to analyse, design, implement and evaluate health programmes within a global context.

Indicative Content: Conceptualisation of Global Health; Quantitative Research Methods of Global Health and SPSS; Epidemiology; Mental and Cognitive Health in Ageing: A Global Perspective; Health Economics and Finance; Reproductive and Sexual Health; Culture Health and Illness Research; Qualitative Research Methods and Systematic Reviews; Global Health Dissertation.

Admission Requirements: At least a 2:1 Honours degree from an Irish university or equivalent result from a university in another country. Applicants must have a demonstrated interest and/or experience in global health or health issues in developing countries. As global health is a multidisciplinary field, applicants can be graduates of any academic discipline.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: https://www.tcd.ie/medicine/global-health/msc/

Application: Apply online via the programme webpage.

E7	MSc in Science and Health Communication	DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: As well as teaching and training for those entering - and continuing - careers in STEM education and public engagement, we welcome students interested in leadership and communication in the commercial medical sector as well as public health policy, administration and regulation. The MSc in Science and Health Communication includes e-health governance, gender, and inclusivity; and data communication, alongside topics on media skills, audience research and planning strategic communication programmes.

Indicative Content: Core – Strategic Communication for STEM, Environment and Healthcare; Research Methods; Science and Health in the Media; Data Communication; Project/Dissertation; INTRA work placement. Options – Understanding Social Media; Social Media, Journalism & Democracy; Gender and Sexuality in Digital Culture; Media Audiences and Consumption; Global Bioethics.

Admission Requirements: A degree at the level of an Irish Honours undergraduate degree (H2.2 or above) or equivalent. Applicants with appropriate combinations of professional qualifications and experience may also be considered.

IELTS: Overall score 6.5 or above and 6.5 in writing and speaking. Other sections scores 6.0 or above.

Programme Webpage: [shortened as] https://bit.ly/2Y3QL3H

Application: Apply at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC606**.

E8   MSc in Immunology and Global Health   MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: This programme represents an innovative development in higher degree options in the biological sciences. It is targeted at biological and health science graduates who are interested in the major challenges in health and development today and who wish to broaden their understanding of immunology, its importance in global health and the factors that impact on immunological intervention strategies in health and disease. An important component of the programme covers emerging and re-emerging diseases including diseases of poverty.

Indicative Content: Fundamental, Clinical, and Applied Immunology; Global Health and Diseases of Poverty; Epidemiology; Medical Geography; Systems Biology; Clinical Trials; Patenting; Licensing and Bioethics.

Admission Requirements: An Honours primary degree (grade 2.2 or above) in the biological or health related sciences. Candidates with other qualifications and suitable employment experience will be considered.

IELTS: Minimum 7.0 overall score required, with 7.0 in the writing component and 6.5 in the other components.

Programme Webpage: [shortened as] https://bit.ly/2PvrQ65

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MHD50**

E9   MSc in Immunology   TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: This M.Sc. in Immunology includes study of immunological processes and mechanism, how they contribute to disease and how they might be manipulated therapeutically. By focusing on the molecules, cells, organs and genes of the immune system, their interaction and how they are activated and regulated, students will develop a deep understanding of the pathological processes underpinning immune mediated disease and how they might be controlled. The master's programme aims to provide students with a well-balanced and integrated theoretical and practical knowledge of Immunology, and to highlight the progress and intellectual challenges in this discipline.

Indicative Content: Basic Immunology; Immunological Technologies; Communicating Science and Critical Analysis; Immunogenetics; Microbe Detection and Evasion; Clinical Immunology; Parasite Immunology; Tumour Immunology; Global Infectious Diseases; Immunotherapeutics and Product Development; Research Project; Dissertation.

Admission Requirements: Applicants will normally be required to hold at least Upper Second-class Honours degree (2:1) or higher in Medicine, Veterinary Science, Dentistry; Molecular Biology, Genetics, Immunology, Biochemistry or a related subject.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://www.tcd.ie/Biochemistry/postgraduate/masters/

Application: Apply online via the programme webpage.

E10	MA in Addiction Studies	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: The MA in Addiction Studies is a rigorous and formal exploration of addictions from a variety of academic and scientific perspectives: sociological, cultural, psychological, anthropological, and psychoanalytic. The programme is concerned with how these perspectives interact and how they differ from each other. The aim is to educate students so that they can carry out research in the field of addiction and thereby critically inform policy making, as well as management of addiction services. The programme also provides clinicians with a strong theoretical foundation from where to approach the treatment of addictions.

Indicative Content: Dialogical Meanings in Addiction: Theory, Practice and Policy; A Psychoanalytic Perspective on Addiction; Research Methods and Analysis; Addiction Psychopharmacology; Cultural Issues in the Study of Addiction; Women and Addiction; Integrative Tutorial; Supervised Clinical Visits; Research Project.

Admission Requirements: Applicants must (i) have a minimum Second-class Honours (2.2) Degree in any humanities or social science discipline from a recognised third level institution, or equivalent qualification, or (ii) have an equivalent professional qualification.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/35rGgNT

Application: Apply online via the programme webpage.

E11	MSc in Biotechnology	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The MSc in Biotechnology is a one-year programme designed to provide you with the theoretical and practical skills for employment in the industries of biomedical research, biopharmaceuticals, agrochemicals and biotechnology. The programme curriculum consists of six months of lectures, laboratory practical sessions, career service workshops, industry-based seminars and a six-month research project.

Indicative Content: Advanced Molecular Microbial Biotechnology; Biopharmaceuticals: Formulation Design, Secondary Processing and Regulatory Compliance; Bioprocess Engineering; Cell and Molecular Biology; Functional Foods for Health; Genetic Engineering; Modern Methods in Analytical Chemistry; Plant Genetic Engineering; Research Dissertation and Industry Placement.

Admission Requirements: Candidates must have obtained at least a Second-class Honours, Grade I degree or equivalent in a subject(s) related to that of the MSc programme. Graduates with a Second-class Honours Grade II will be considered on a case-by-case basis. Graduates with equivalent qualifications in related areas of science

and technology, or with proven and relevant industrial experience can be considered for places following interview and assessment by the Director of the MSc (Biotechnology) Programme.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: www.ucc.ie/en/ckr01

Application: Apply online at https://www.ucc.ie/en/apply/

E12	MSc in Clinical Research	NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The objective of this Master of Science course is to provide training for the next generation of healthcare workers in the clinical research arena. The course aims to provide a platform for achieving greater efficiencies in applying medical discoveries to clinical practice. It is aimed at qualified individuals who wish to become independent clinical investigators or those who wish to seek employment in leadership positions in clinical research teams.

Indicative Content: Core – Fundamentals of Health Research and Evaluation Methods; Introduction to Biostatistics; Introduction to the Ethical and Regulatory Framework of Clinical Research. Options – Introduction to Biostatistics II; Introduction to Research Methods for Randomised Controlled Trials; Systematic Review Methods; Translational Medicine; Clinical Research Administration; Health Systems and Policy Analysis; Health Technology Assessment; Observational and Analytical Research Methods; Bio-Ethics.

Admission Requirements: A minimum Second-class Honours Grade 1 (2:1) in either Medicine, a Healthcare related discipline or a Biomedical science related degree.

IELTS: Minimum 6.5 overall score required with no band below 6.5.

Programme Webpages: [shortened as] https://bit.ly/3vqjGzX

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

E13	MSc in Diagnostics and Precision Medicine	DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: The MSc in Diagnostics and Precision Medicine is a new blended-learning programme that details how diagnostics and therapeutics are revolutionising healthcare and medicine by providing the right person with the right therapy at the right time.

Indicative Content: Introduction to Cell Biology and Biotechnology; Recombinant DNA Technology; Fundamental and Applied Immunology; Molecular Diagnostics; Targeted Therapeutics and Diagnostics for Cancer; Translational Bioinformatics; Therapeutics and Diagnostics for Inflammatory Diseases and Inherited Diseases; Applied

Biostatistics; Professional Skills for Scientists; Laboratory Practical Techniques; Literature Review, Project and Presentation.

Admission Requirements: A relevant undergraduate degree with a minimum 2:1 or equivalent in life science, pharmaceutical or chemistry disciplines. In addition, candidates who hold a primary degree, with a Second-Class grade (H2:2) in a relevant discipline and with industrial experience will be considered.

IELTS: Overall score 6.5 or above and 6.5 in writing and speaking. Other sections scores 6.0 or above.

Programme Webpage: [shortened as] https://bit.ly/2PcbgIn

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC739**

E14	MSc in Bioprocess Engineering	DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: The MSc is an interactive and dynamic programme that will develop your knowledge and appreciation of the conceptual and factual bases for bioprocess design and operation. It also develops your understanding of bioprocessing, particularly the structures, roles and experimental methods associated with biopharmaceuticals, their analysis, production methods and technology for monitoring and control of bioprocesses. It provides an advanced and up-to-date academic base in the major disciplines of bioprocess engineering and fosters a range of transferable skills across a full range of relevant subjects. This programme has been designed to Update and upgrade the knowledge, understanding and skills of graduates who are interested in pursuing or are currently working in the Biopharmaceutical industry as well as retrain graduates working in related disciplines, by providing advanced level modules in the theory, analysis design and practical methodology of the rapidly evolving subjects that are associated with this sector.

Indicative Content: Fundamentals of Bioreaction Engineering; Bioseparations; Recombinant DNA Technology; Bioprocessing Laboratory 1; Introduction to Bioprocess Engineering; Bioprocess Engineering; Bioprocess Scale Up and Technology Transfer; Animal Cell Culture Technology; Biopharmaceutical Industry Regulation & Management; Bioreactor Design, Modelling & Monitoring; Regulatory Affairs Sc. For Biotech Products; Formulation & Delivery of Biopharmaceuticals; Biopharmaceutical Facility Design & Operation; Bioprocess Engineering Design Project.

Admission Requirements: A minimum of Second-class honours grade 2 (2:2) in Science or Engineering

IELTS: Overall score 6.5 or above and 6.5 in writing and speaking. Other sections scores 6.0 or above.

Programme Webpage: [shortened as] https://bit.ly/3w4RwLJ

Application: Apply at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC735.**

E15   MSc in Health Informatics   UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: Health informatics is a multi-disciplinary, multi-dimensional field. This field focuses on the creation, modelling, management and sharing of health data and knowledge to support data analysis and timely decision making in medicine and health care together with the information science and technology to support these tasks. It is not solely a technical discipline but focuses on the relationship between the technology and its use in real-world settings i.e., solutions are designed in context, taking into account the social, cultural and organisational settings in which computing, and information technology will be used in health care sectors.

Indicative Content: Health Informatics Applications; Electronic Health Record Management; Research Methods in Health Informatics; Medical Decision Support Systems; Requirements Engineering for Health Informatics; Health Informatics Project Management; Strategic Issues in Health Informatics; E-Health Systems; ICT for Evidence-Based Health Care; Research Project; Health Informatics Dissertation.

Admission Requirements: (i) A Health Care Administrator/Clerical Officer, Health Care Manager or Health Care Professional who holds a primary undergraduate degree (2.2 Honours or higher), or (ii) an applicant who holds a primary undergraduate degree (2.2 Honours or higher) in a health sciences discipline, or (iii) an IT specialist who holds a primary undergraduate degree (2.2 Honours or higher) with experience of working in a health care setting, or (iv) an applicant with at least 5 years relevant work experience who can satisfy the programme admission team that he/she has the ability to complete and benefit from this programme.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: https://www.ul.ie/gps/programme/health-informatics-msc

Application: Apply online via the programme webpage**.**

E16   MSc in Behavioural Neuroscience   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc. in Behavioural Neuroscience offers advanced education and training in topics concerning human behaviour and its relation to the brain. Behavioural Neuroscience is an interdisciplinary field which combines expertise from a range of disciplines, including Psychology, Neuroscience, Engineering and Economics. The programme provides an excellent preparation for students who wish to pursue doctoral research in psychology, neuroscience or neuropsychology and equips students for work in research, medical and health settings. Students will gain key skills in research methods, experimental design, programming & data analysis.

Indicative Content: Fundamentals of Neuropsychology; Clinical Cases in Neuropsychology; Advanced Cognitive Psychology; Knowledge Transfer; Recent Papers in Behavioural Neuroscience; Readings in Visual and Social Cognition; Advanced Research Methods and Stats; Behavioural Neuroscience Labs; Behavioural Neuroscience Research Project; Sensory Neuroscience; Principles of Neuroscience.

Admission Requirements: A primary degree that is at least upper Second-class honours or international equivalent in Psychology or in Neuroscience.

IELTS: Minimum 7.0 overall score required with no less than 6.5 in in each element.

Programme Webpage: [shortened as] https://bit.ly/3xmcmXx

Application: Apply online via the programme webpage.

E17	MSc in Nursing	MTU

Study Location: Munster Technological University (Tralee Campus)

Programme Duration: 1 year

Programme Outline: The MSc in Nursing is constructed within the context of health, nursing and educational policy developments. The aim of this MSc in Nursing is to develop postgraduates with an advanced level of theoretical knowledge, leadership, and research skills in nursing. These skills will enable learners to become leaders in their designated fields of healthcare. The programme aims to enable graduates to provide expert knowledge in shaping current and future changes in nursing and health care services.

Indicative Content: Leadership; Nursing Theory; Transforming Professional Practice Through Reflection; Research Methodology and Project Design; Dissertation Project; Ethical Judgement in Professional Leadership; Quality Improvement & Governance in Health and Social Care; Evidence Based Professional Practice.

Admission Requirements: Candidates with a Bachelor (Hons) In Nursing with a minimum of a second class honours grade & registered nurse (RN) status in Ireland or another country are welcome to apply.

IELTS: Minimum 6.0 overall score required with no section lower than 5.5.

Programme Webpage: https://bit.ly/3xc7UdP

Application: Apply online via the programme webpage.

E18	MSc in Nursing Studies	UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: The MSc Nursing Studies programme prepares and advances students with the knowledge, skills and attitudes required to become confident, critical, analytical and research aware graduates. The programme provides opportunities to explore research as evidence for enhancing and changing practice and aims to advance the student's aptitudes in becoming confident, analytical and research aware.

Indicative Content: Core – Health Research - Methods & Methodology; Principles of Primary & Community Care; Leading & Managing Practice; Project Development & Study Skills; Promoting Quality & Safety in Healthcare; Dissertation. Options – Health Promotion in Nursing/Midwifery Practice; Intercultural Care; Therapeutic Engagement.

Admission Requirements: Candidates must have a First-class or Second-class Honours degree in a relevant or appropriate subject and must be a registered nurse and provide evidence of a current registration with an appropriate Nursing/Midwifery Registration Board.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2BjpFk4

Application: Apply online via the programme webpage.

E19	MSc in Nursing in Leadership and Quality Healthcare	AIT

Study Location:　　　Athlone Institute of Technology

Programme Duration:　1 year

Programme Outline: This one-year MSc is aimed at graduate nurses who wish to advance their academic and professional development. Upon successful completion of this programme, graduates will have developed a mastery of complex and specialised knowledge and a critical awareness of issues at the forefront of nursing. They will have an advanced understanding of how techniques of enquiry enable the critical and objective analysis, interpretation and application of research and scholarly evidence.

Admission Requirements: Bachelor of Science in Nursing 2:1 or equivalent qualification will be required for entry to this programme.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3p3ydjt

Application: Application forms can be downloaded at: www.ait.ie/international/non-eustudents
For enquiries, contact Mary Simpson, AIT International Office - international@ait.ie or +353 - 90 - 6468 272.

E20	MSc in Professional Nursing Practice	DKIT

Study Location:　　　Dundalk Institute of Technology

Programme Duration:　1 year

Programme Outline: This Master of Science in Professional Nursing will be offered to qualified, experienced nurses who wish to develop their knowledge, skills and competencies. The programme provides the nurse with a broad based educational experience to practice at an advanced level incorporating key concepts such as advanced decision making, professional leadership, evidence based practice, professional ethics, research knowledge and skills. The aim of this programme is to provide an accessible, innovative, flexible and practice-orientated sustainable programme that will attract and retain nurses who will continue to work as Nurses within an integrated health service. The programme will enhance professional practice, patient safety and the education, administration and research capacity of the learner.

Indicative Content: Leadership and Decision Making for Advanced Practice; Advanced Practice in Person-Centred Integrated Care; Quality and Innovation; Research Methods of Evidence Based Practice; The Fundamentals of Professional Practice; Elective Module; Generating Evidence for the Healthcare Setting.

Admission Requirements: A minimum requirement of holding an undergraduate degree qualification, being a registered nurse, and currently employed in health care provision.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://bit.ly/3x53MMn

Application: Apply online via the programme webpage.

E21	MSc in Pharmaceutical Sciences	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The M.Sc. in Pharmaceutical Sciences is an integrated multidisciplinary programme addressing fundamental and applied aspects of drug and drug product discovery, development, production and analysis. The programme will prepare candidates for careers in pharmaceutical research relevant to academic and manufacturing sectors.

Indicative Content: Regulatory Aspects and Industrial Pharmacy; Natural Product Analysis and Regulation; Spectroscopic Methods for Drug Analysis; Molecular Pharmaceutics and Advanced Drug Delivery; Biopharmaceutical Sciences; Pharmaceutical and Medical Nanotechnology; Drug Discovery and Development; Biotechnology; Formulation development and evaluation; Professional Skills in Pharmaceutical Sciences.

Admission Requirements: Applicants are accepted, subject to the availability of places, from holders of Honours degrees in a relevant Science discipline (e.g., Pharmacy, Chemistry, Analytical Chemistry, Microbiology, Biochemistry, Pharmacology and other appropriate primary Honour's degrees e.g., I.T., Medicine or Veterinary). Equivalent primary and/or postgraduate qualifications are considered, particularly with relevant professional experience.

IETLS: Minimum 6.5 overall score required.

Programme Webpage: https://pharmacy.tcd.ie/postgraduate/msc_analysis.php

Application: Apply online via the programme webpage.

E22	MSc in International Pharmaceutical Business Management	GCC

Study Location: Griffith College Cork

Programme Duration: 1 year

Programme Outline: This MSc in International Pharmaceutical Business Management programme develops learners' abilities to research current trends and developments in the Pharmaceutical Business Management Industry and to develop their knowledge, skill, and competencies to work in this dynamic business arena across multiple industries, whether they are service or manufacturing oriented. This programme provides learners with the specialist skills required for successful management careers in the pharmaceutical range of industries.

Indicative Content: Management Accounting and Control; Leadership and Management Development; International Strategy; International Marketing Management; Globalisation and Corporate Responsibility; Business Research Methods; Commercial and Financial Considerations in the Pharmaceutical Industry; Quality & Regulatory Framework in the Pharmaceutical Industry; Business & Technology Innovation in the Pharmaceutical Industry; Marketing Management for Pharmaceutical Marketers; Dissertation.

Admission Requirements: Candidates applying for this programme should have a 2.2 or higher honours degree in Pharmacy, Science or equivalent discipline.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3xbFqAV

Application: Apply online via the programme webpage.

E23	MSc in Pharmaceutical Business and Technology	GCD

Study Location: Griffith College Dublin

Programme Duration: 1 year

Programme Outline: This MSc in Pharmaceutical Business and Technology focuses on core competencies such as pharmaceutical processes and production, pharmaceutical business introduction & technology transfer, emerging trends, operational excellence (Lean & Six Sigma), regulatory affairs, data analytics, strategic thinking, and leadership development. This programme is delivered by the Griffith Innopharma Faculty of Science and blends the subjects of pharmaceutical technology and business.

Indicative Content: Processes, Production and Pharmaceutical Quality Systems; Regulatory Landscape of Pharmaceutical Business; Pharmaceutical Technology Transfer; 21st Century Dynamics & Emerging Trends; Strategy, Leadership & the Culture of Innovation; Operational Excellence & the Science of Innovation; Clinical Research Management; Research Methods; Dissertation.

Admission Requirements: A minimum qualification of an Honours degree (minimum 2.2 or higher) in Science, Engineering or Quality or related discipline.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3w3KM0B

Application: Apply online via the programme webpage.

E24	MSc in Pharmaceutical Quality Assurance & Biotechnology	TUD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 16 months

Programme Outline: This programme is offered on a one year full—time basis followed by a 6-month industry-based dissertation. It is designed to provide a bridge for graduates with a degree in science or related disciplines

to the specific requirements of the pharmaceutical sector. The programme offers a broad-based curriculum covering aspects of quality assurance, auditing, manufacturing and pharmaceutical science and biotechnology.

Indicative Content: Q.A., Auditing and Inspection; GMP and Validation; Biotechnology; Pharmaceutical Technology and Research Methods; Pharmaceutical Facilities and Utilities; Pharmaceutical Manufacturing and Management; Pharmaceutical Analysis & Method Validation; Medicinal Chemistry and Process Design & Development for API Production; Biopharmaceutical Analysis; Pharmaceutical Microbiology and Aseptic Manufacture; Pharmacology and Toxicology; Process Validation for Biopharmaceuticals; Industry Placement and Dissertation.

Admission Requirements: Honours bachelor's degree in science or related discipline at 2.2 grade or higher or equivalent qualification. Selection will be by interview.

IELTS: Minimum 6.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3h2FAlX

Application: Apply online via the programme webpage.

| E25 | MSc in Chemistry – Analysis of Pharmaceutical Compounds | UCC |

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The MSc in Analysis of Pharmaceutical Compounds is a one-year programme designed to provide you with the theoretical and practical skills for employment in a diverse range of industries that require analytical expertise. The programme curriculum consists of six months of lectures, laboratory practical sessions, career service workshops, industry-based seminars/workshops, site visits to industry and a six-month research project (option for research project to be undertaken abroad now open to Ireland Fellows Programme award recipients).

Indicative Content: Modern Analytical Techniques; Chemical Data Analysis and GLP; Separation Science, Sensors and Process Analytical Technology; Materials, Pharmaceutical and Bio-analysis; Practice of Analytical Chemistry; Industry-Led Workshops; Taught Postgraduate Transferable Skills Development; Biopharmaceuticals: Formulation Design; Secondary Processing and Regulatory Compliance; Research Project and Dissertation.

Admission Requirements: Candidates must have obtained at least a Second-class Honours degree or equivalent in a subject(s) related to that of the MSc programme. Graduates with equivalent qualifications in related areas of science and technology, or with proven and relevant industrial experience can be considered for places following interview and assessment.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: https://www.ucc.ie/en/ckr02/

Application: Apply online at https://www.ucc.ie/en/apply/

E26   MSc in Advanced Physiotherapy Studies   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Advanced Physiotherapy Studies aims to broaden the Chartered Physiotherapists' knowledge base in the areas relevant to the practice of physiotherapy mapping to their educational and career pathway needs. Graduates will have the opportunity to achieve excellence in professional practice as advanced clinicians, critical thinkers, and life-long learners. This programme aims to allow the physiotherapist to choose an educational pathway that maps to their career specialty e.g., in primary care health, sports and exercise rehabilitation, musculoskeletal physiotherapy.

Indicative Content: Core – Dissertation. Options – Fundamentals of Strength & Conditioning; Advanced Strength & Conditioning; Psychology of Sport and Health; Optimisation of Human Performance; Exercise and Public Health; Neuromuscular & Biomechanical Laboratory Testing; Sports Injury Management; Exercise Physiology and Sports Nutrition; Introduction to Epidemiology, Biostatistics & Public Health; Public Health Practice and Policy; One Health; Health Promotion; Non Communicable Disease Epidemiology; International Health Action; Promoting Consumer Nutrition; Principles of Health Financing and Management; Tai Chi for Sport& Health; Mindfulness for Health; Evidenced Based Practice; Research Methods; Spinal Studies; Health in A Global Society; Cardiac Rehabilitation; Skill Acquisition; Sport Governance & Law; Sport Leadership & People Management; Strategy & Operation Management in Sport.

Admission Requirements: Open to candidates with a 2:1 degree classification in a relevant or appropriate subject.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3pY9pd7

Application: Apply online via the programme webpage.

E27   MSc in Regenerative Medicine   NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: The MSc is administered by the Regenerative Medicine Institute (REMEDI), a world-class biomedical research institute recognised as Ireland's primary centre for stem cell and gene therapy research, and a world leader in the field of regenerative medicine. REMEDI's focus is to use cells and genes to regenerate healthy tissues that can be used to repair or replace other tissues and organs with a minimally invasive approach. This course focuses on stem cells, gene therapy and tissue engineering, focussing on how they can be applied to develop new therapeutics.

Indicative Content: Core – Regenerative Medicine; Tissue Engineering; Advanced Research Techniques; Graduate Couse in Basic and Advanced Immunology; Scientific Writing; Advanced Tissue Engineering; Translational Medicine; Research Project and Thesis. Options – Introduction to Business; Introduction to Biostatistics I; Applied Concepts in Pharmacology; Human Body Function; Human Body Structure; Fundamental Concepts in Pharmacology; Harnessing the Basic Biology of Cancer for Development of Novel Therapeutics; Green Lab Principles and Practice; Economic Evaluation in Health Care; Independent Study Module; Introduction to Bioinformatics.

Admission Requirements: A Second-class Honours degree in a biological/life science or medicine.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2RxcnZa

Application: Apply online at https://nuigalway.elluciancrmrecruit.com/Apply

E28	MSc in Medical Device Design	NCAD

Study Location: National College of Art and Design

Programme Duration: 1 year

Programme Outline: The MSc Medical Device Design is a one-year full time taught masters. The course teaches fundamental approaches, methods and tools related to the design of medical devices, experiences, systems and services with a focus on users and context of use. The MSc is studio-based with students engaging in lectures, seminars and workshops along with projects with industry and clinical collaborators. The studio environment is an essential component, fostering collaborative peer-to-peer learning while exploring the complexity of medical care. The MSc Medical Device Design brings together candidates from a range of fields including design, health care, engineering, and business, and prepares graduates to play a leading role in the development of emerging medical devices.

Indicative Content: The programme focuses on the interdisciplinary nature of Medical Device Design, covering topics ranging from basic medical science and bioinstrumentation to product design and human factors. At the core of the programme is a focus on the needs of people in healthcare. Through a range of studio projects students learn to conduct human centred contextual research, extract meaningful insights, create and visualise concepts, and develop and evaluate prototypes.

Admission Requirements: The programme is open to graduates with an Honours degree award of 2.2 or higher, or an equivalent academic or professional qualification across various disciplines including design, engineering, science, art, the humanities, social science, computer science, engineering and business. The college also takes into consideration prior learning and experience.

IELTS: Minimum 6.5 overall score required with a minimum 6.0 in writing.

Programme Webpage: [shortened as] https://bit.ly/3uNY4Np

Application: Apply online at https://www.ncad.ie/study-at-ncad/postgraduate-application/apply-for-a-taught-masters-programme/

E29	MEngSc in Optical Engineering	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: In this MEngSC in Optical Engineering programme, students will gain an advanced understanding of a broad range of areas within optical engineering, such as biomedical signal processing,

optoelectronics, and biomedical imaging. Graduates in this programme will gain advanced knowledge and understanding of the mathematics, sciences, engineering sciences and technologies underpinning optical engineering with a special emphasis on Fourier optics. There are excellent job opportunities for optical engineers in the display, lighting, virtual reality, robotic and drone areas. Industries include aerospace, telecommunications, semiconductor, biomedical/healthcare, and manufacturing.

Indicative Content: <u>Core</u> – Biomedical imagine; Optical Engineering; Optoelectronics; MEngSc Optical Project; Professional Engineering (Management). <u>Options</u> – Numerical Algorithms; Biological Imaging; Hyperspectral Imaging; Optical Sensing Technology; Modelling and Simulation; Biomedical Signal Processing; Entrepreneurship in Engineering; Optimisation Techniques for Engineers; Optics and Lasers; Applied Optics; Biophysics at the Nanoscale and Nanodevices; Introduction to Medical Image Analysis and Machine Learning; Medical Imaging; Quantitative Methods for Engineers.

Admission Requirements: A undergraduate degree with a minimum upper Second-class (2.1) honours or international equivalent in an Electrical, Electronic, Computer or Optical Engineering programme.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3gndgMf

Application: Apply online via the programme webpage.

F

Education

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: The Master of Arts in Child, Youth and Family Studies provides learners with a range of critical and analytical tools to enable them to manage and lead services that develop the potential of children, youth and families and envision new possibilities for better service provision in the sector. The programme is designed to provide the knowledge, skills and competencies required by the sector and to provide future leaders of Child, Youth and Family services in Ireland and abroad. The programme aims to educate learners to high levels of contemporary and comparative theoretical awareness in fields central to services provision (transitions across the lifespan, cultural diversity, youth, and families) and to create an atmosphere of rigorous academic enquiry and writing. Learners will develop a deep and integrated knowledge of contemporary child, youth and family theory and practice, and the sector within which child, youth and family services operate.

Indicative Content: Core – Contemporary Issues in Childhood and Youth Studies; Applied Psychology; Perspectives on Family and Society; Leadership, Strategy and Governance; Research Methods and Dissertation. Options – Addiction Studies; Adult & Community Education; Youth Justice; Child and Family Rights.

Admission Requirements: A minimum of second-class honours grade two (2.2) in either Early Childhood Education and Care; Applied Social Studies; Social and Community Studies or Youth and Community.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2UbUtfF

Application: Apply online at https://www.itcarlow.ie/international.htm.

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: The overall aim of the Master's programme is to examine how human capacity can be enhanced across the lifespan in the socio-educational sector. It will provide participants with a critical understanding of concepts and approaches to enabling individuals and groups to realise their potential as human persons and participative communities. The programme aims to educate students to high levels of contemporary theoretical awareness in fields central to social services provision and to create an atmosphere of rigorous academic enquiry and writing.

Indicative Content: Core – Perspective on Child, Family and Community; Equality, Diversity and Intercultural Practice; Transitions across the Lifespan; Introduction to Management Issues in Child, Family and Community Services; Research Methods and Dissertation. Options – Interventions in Child and Adolescent Mental Health; Contemporary Issues in the Early Years; Youth Offending and Youth Justice Perspectives; Risk, Vulnerability and the Protection of Children and Vulnerable Adults; Perspectives on Ageing; Intergenerational Practice and Learning; Masculinities, Care and Equality.

Admission Requirements: A Second-class honour bachelor degree, higher division (2.1) or higher in the area of social care, early education, social sciences, psychology, sociology, youth and community studies or cognate discipline.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3zzUSsC

Application: Apply online via the programme webpage.

F3	MA in Leadership in Early Years Education and Care	ITC

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: This programme has been designed to facilitate and prepare students and current practitioners or those with an interest in early childhood education for leadership and management roles in the operation of early childhood education services and related public policy. This Masters programme will develop students' ability to both analyse, manage and creatively respond to critical issues and changes in early childhood care policy and service implementation, all the time being cognisant of the best interests of the child.

Indicative Content: Contemporary Issues in Early Years Policy, Theory and Practice; Leading Quality in Early Years Education & Care; Leadership, Strategy & Governance; Transformative Children's Rights Education; Educational Psychology; Early Years Entrepreneurship and Innovation; Research Methods; Dissertation.

Admission Requirements: An undergraduate degree with a minimum 2:2 or equivalent in Early Childhood Education & Care/ Studies, Applied Social Studies, Social & Community Studies, Youth & Community Work, Social Sciences or cognate area.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2L3EyFT

Application: Apply online at https://www.itcarlow.ie/international.htm.

F4	MA in Education	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme is designed for students who wish to deepen their understanding of educational issues, practices and research in order to pursue or develop a career in education or related disciplines. Students are exposed to a range of research skills and techniques which enable them to engage with, and produce, high quality educational research.

Indicative Content: Core – Thesis; Research Methods; Educational Research Writing; Mentoring and Leading Learning; Global Development Education. Options – Education Sciences: Psychology Applied to Schools; Inclusive Education for Pupils with Additional Support Needs; Thesis; Critical Policy Analysis; Children's Rights &

Participation; Equalities, Social Justice and Children's Learning; History of Childhood & Learning; Wellbeing of Children and Youth; School Effectiveness.

Admission Requirements: This programme is intended for applicants with an upper Second-class Honours, or international equivalent in their primary degree and who demonstrate evidence of interest in educational issues.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] www.bit.ly/2d3j2l1

Application: Apply online via the programme webpage.

F5	Masters in Education	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The programme is intended for persons who wish to gain a comprehensive and contemporary understanding in a number of disciplines that inform educational theory and practice. It is appropriate for practitioners working at all levels in education (primary, post-primary and tertiary) as well as those who have a professional interest in education. Eligible strands of this programme are – (1) Critical Perspective on Education; (2) Early Intervention; (3) Language Education; (4) Leadership and Policy in Education; (5) Mathematics Education; (6) Psychology of Education; (7) Science Education; (8) Special Educational Needs.

Indication Content: See programme webpage (link below).

Admission Requirements: Normally a good Honours degree (2.1) and at least two years' experience in the field of education. Applicants must submit a description of their area of research interest when applying.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://www.tcd.ie/Education/programmes/masters/

Application: Apply online via the programme webpage.

F6	Master of Education	MIC

Study Location: Mary Immaculate College

Programme Duration: 1 year

Programme Outline: The programme covers theories, principles and practices in contemporary educational settings and is designed for all those interested in enhancing their professional knowledge, understandings, and skills. Teaching and learning methods include lectures, workshops, presentations, visiting speakers and supervised research. Graduates of the programme are working as teachers, principals, inspectors, lecturers, and researchers in schools, colleges, universities at home and abroad.

Indicative Content: Theory and Practice in Education; Applied Research Project; Principles and Practice of Research in Education; Ensuring Criticality and Reflexivity in Educational Research Design; Curriculum Design,

Development and Evaluation; National and International Trends and Current Issues in Education; Research and Practice Portfolio; Dissertation.

Admission Requirements: Primary Degree in Education at a minimum of Honours 2:2. Applicants who have a 2:2 Honour's degree in other disciplines may be considered if they have substantial and relevant professional experience.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] http://bit.ly/2xrhCgZ

Application: Apply online via the programme webpage.

F7	MEd in Adult and Community Education	MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: This programme will provide the opportunity for participants to critically reflect on their experience in the field, develop the public debate on social justice and critical citizenship, and have a thorough grounding and an understanding of the background to and influences on research in adult and community education.

Indicative Content: Advanced Theories in Adult and Community Education; Advanced Gender Studies in Adult and Community Education; Power, Politics and Society: Adult Education in Context; History of Adult and Community Education; Ethical Perspectives on Adult Education; Critical Reflective Practice in Adult Education; Thesis; Research Completion; Research Methods in Adult & Community Education; Group Supervision & Reflexive Research.

Admission Requirements: Candidates must have a primary degree with a minimum grade of 2:1 in one of the social sciences (Adult Education, community work, social care, sociology, political science, economics, psychology, anthropology, education etc.).

IELTS: Grade 6.5 minimum overall score required.

Programme Webpage: [shortened as] http://bit.ly/2w8pJP7

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MHA92**

F8	MA in Applied Linguistics	MIC

Study Location: Mary Immaculate College

Programme Duration: 1 year

Programme Outline: The Master's in Applied Linguistics provides a broad-based course of study in language description (language systems: grammar, lexis, and phonology), theories of Applied Linguistics, theories of Second Language Acquisition, frameworks for the study of discourse, sociolinguistics, as well as specialist research skills for the empirical analysis of language in context. While its main focus is on the use and teaching of the English

language in a global context, it will address a national and international need for professional development among language teachers and language professionals.

Indicative Content: <u>Core</u> – Core Features of Language: Grammar, Vocabulary and Phonology; Research Methods in Applied Linguistics; Academic Writing: Lexicogrammar and Discourse. Approaches to Language in Context; Issues in Applied Linguistics. <u>Options</u> – Introduction to Sociolinguistics; Second Language Acquisition; Classroom and Learner Discourse; Introduction to Irish English; Corpus Linguistics and Language Teaching; Phonetics and Phonology; Discourse and Pragmatics; Analysing Medica Discourse.

Admission Requirements: A 2.2 honours primary degree, plus two years' experience in Language Teaching, publishing or translation, or related fields.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3gvTJcE

Application: Apply online via the programme webpage.

G

Sociology, Social Policy, Social Research and related

G1   MSc in Disability   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Disability is developed for all who have an interest in disability including individuals with disabilities, family members and professionals. The philosophy of the programme is to promote an inclusive society respecting the will and preference of persons with disability. The programme comprises six mandatory modules which explore current and past concepts of disability, evidence-based disability practice, national and international disability policy, and current developments in disability legislation. To promote a personalised learning experience, students select their remaining modules from a suite of sixteen disability-related modules specialising in education, health, law, psychology, public health, and social policy.

Indicative Content: <u>Core</u> – Person Centred Programme Development; Applied Research Methods; Advanced Disability Studies; Multielement Behaviour Support; Identity Sexuality & Mortality; Disability Policy Legislation. <u>Options</u> – Inclusion and Equality in Education; Inclusive Education for Pupils with Additional Support Needs; NGOs: Law, Governance and Social Change; Strategic Leadership for Healthcare Improvement and Innovation; Innovations in Healthcare, Local and Global; Systems Thinking in Healthcare; Public Health Practice and Policy; Health Promotion; Theory of Human Rights; Managing Change; Discourses in Psychology; Clinical Cases in Neuropsychology; Fundamentals of Neuropsychology; Comparing Healthcare Systems; Non-Profit Sector in Comparative Perspective Politics; Regulation and Business.

Admission Requirements: A primary degree with a minimum 2.2 classification (second class honours, grade two) or international equivalent.

IELTS: IELTS: Minimum 7.0 overall score required with no section less than 6.5.

Programme Webpage: [shortened as] <u>https://bit.ly/3ioYR50</u>

Application: Apply online via the programme webpage.

G2   MSc in Global Solutions   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This MSc Global Solutions is the first Sociology Masters' programme in the world that combines academic, activist, business and policy perspectives in a more comprehensive perspective to study and seek solutions to a selection of significant global problems in our contemporary world. The development and application of this A-A-B-P model to a range of current global problems and case-studies, including outreach to those involved in dealing with real world societal problems, drives the structure and content of the programme directed and taught by a team of dedicated, dynamic, international staff in the UCD School of Sociology. This programme will give students a chance to expand the knowledge and understanding of global challenges across four perspectives: academic, activist, business, and policy. It will also help graduates analyse academic, activist, business, and policy aspects of global challenges separately and in interaction.

Indicative Content: Global Solutions in an Academic, Business and Policy Perspective; Global Solutions to Climate Change; Human Development in the Fight against Global Inequalities; AASPB Model Dissertation; Big

Data and Solution Oriented Sociology; Identities and Rights in a Global Context; Transnational Lives in Global Perspective; Peace, Conflict and Social Change.

Admission Requirements: *Not yet available.*

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: *Not yet available.*

Application: Apply online via the programme webpage when available.

G3	MPsychSc in Psychological Science	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The M.Psych.Sc. has been designed to equip psychology graduates with the inter-personal sensitivities, methodological and statistical skills that form the basis for a wide range of professional training programmes in psychology (including for example, clinical, education, organisational, and academic). The learning environment emphasises the active participation of students, encourages teamwork and collaborative research. Students are encouraged to develop their critical appraisal, analytical and methodological capabilities through interaction with faculty, peers, and independent study. The focus of the programme is on professional skill acquisition, and this is reflected in the active nature of the learning environment in the modules. The programme uses a range of approaches to teaching, learning and assessment including traditional faculty-led seminars, student presentations, experiential learning, classroom role-play and case studies.

Indicative Content: <u>Core</u> – MPsychSc Research Dissertation; Advanced Research Methods & Statistics. <u>Options</u> – Inclusion and Equality in Education; Wellbeing of Children and Youth; Theory of Human Rights; Managing Change; Psychometric Assessment; Basic Counselling and Clinical Skills; Psychological Interventions; Discourses in Psychology; Clinic Cases in Neuropsychology; Topics in Psychological Science; Comparing Healthcare Systems.

Admission Requirements: An honours degree with Psychology as a major subject.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W241

Application: Apply online via the programme webpage.

G4	MSocSc in Rights and Social Policy	MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The programme aims to provide students with advanced critical, analytical and research skills in selected substantive areas of social policy, and in the shaping of policy, in contemporary Ireland and more widely. In particular the emphasis is on the interconnections between the themes of rights, recognition and

redistribution. Currently, the programme includes taught modules on governance, equality, ageing and criminal justice.

Indicative Content: <u>Core</u> – Advanced Social Policy Analysis; Equality and Inclusion – Rights, Recognition and Redistribution; Critical Theory, Studies and Perspectives on Social Policy; Realising Rights: Case Studies, Seminars, Conferences and Workshops; Writing Policy and Influencing Policy; Social Policy Research and Dissertation. <u>Options</u> – Criminal Justice Studies; Participative Governance and Social Policy-Making; Housing: Inequality and Rights; Advanced Child & Family Policy; Human Trafficking: Policy, Perspectives and Debates; Health and Mental Health Policy: Perspectives and Debates; Gender, Rights and Social Policy.

Admission Requirements: (i) A Bachelor of Social Science (Honours) degree with an overall mark of at least 55%; (ii) a Bachelor of Arts (Applied Social Studies) (Honours) degree with an overall mark of at least 55%; (iii) an Honours degree in a related discipline with an overall mark of at least 55%. Candidates meeting the above criteria will be interviewed.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2vZAt0P

Application: Apply online at https://v2.pac.ie/institute/2 - using the **PAC Code: MHB56**

G5	MSc in Comparative Social Change	UCD/TCD

Study Location: University College Dublin / Trinity College Dublin (joint programme)

Programme Duration: 1 year

Programme Outline: The MSc Comparative Social Change has been developed by the Department of Sociology at Trinity College and the School of Sociology at University College Dublin to critically explore the social, cultural and economic forces that drive social change today. The programme aims to develop students' knowledge of major social change issues, such as globalisation, the changing roles of women and the interrelated areas of migration, education and employment, and to offer insights into the different forms they take across states.

Indicative Content: <u>Core</u> – Globalisation and Social Change; Introduction to Comparative Social Change: Research Methods; Dissertation. <u>Options</u> – Economic Globalisation and Social Change; Nationalism and Social Change; Comparing Healthcare Systems; Art, Knowledge and Social Change; Gender and Social Change; Migration Labour and Conflict; The Migration Challenge: Comparative Educational Perspectives.

Admission Requirements: Applicants should normally have a primary degree in Sociology or Social Science, or a closely related discipline. A Student Grade Point Average (GPA) Equivalent 3.0 out of 4.0 is required. Applicants who do not meet the academic requirements but can confirm professional qualifications and/or experience will be considered. Applicants may be called for an interview.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3vs84gy

Application: Apply online via the programme webpage.

G6   MSc in Social Data Analytics   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This MSc in Social Data Analytics equips students with a range of social scientific, computational, informational, statistical, and visual analytics skills, for the analysis of large or complex data that arise from human interaction. Students will receive training in sociological analysis, as well as core coding and programming skills, allowing them to avail of emergent technologies to manage real-world challenges, and conduct informed decision making. Students can also opt to complete an internship as part of their studies. The MSc in Social Data Analytics is suitable for graduates of social science or computer science programmes, or related disciplines such as psychology, politics, geography, or economics who want to develop their analytical skills further.

Indicative Content: Core – Analytical Sociology; Social Simulation; Quantitative Data Analytics and Applications; Dynamic Social Networks; Introduction to Programming; Choice of a Masters Dissertation or an Internship and capstone research project. Options – Recommender Systems and Collective Intelligence; Relational Databases and Information Systems; Spatial Information Systems; Data Science in Python; GIS and Data Analysis; Information Visualisation; Machine Learning; Big Data Programming; Demographic Analytics: Theory and Application; Research Data Management; Inequality and Instruments; Global Migration; Population Geography; Comparing Healthcare Systems; Social Entrepreneurship; Deep Learning; Opportunity Generation and Recognition; Introduction to Artificial Intelligence.

Admission Requirements: Applicants will be required to hold a 2.1 honours degree preferably with a social sciences or cognate discipline component, and excellent academic references.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3xakIkH

Application: Apply online via the programme webpage.

G7   MSocSc in Social Policy   UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme outline: The programme gives you the theoretical and practical skills to engage in social research and policy analysis. As part of this programme, you can specialise in the social policy area of your choice. The delivery of the programme is innovative, discussion-led and seminar-based to encourage the active participation of the group.

Indicative Content: Core – Contemporary Social Policy Issues; Social Research: Methodology and Ethics; Social Policy Analysis; Social Policy Seminar Series; Dissertation. Options – Migration, Mobilities and Social Policy; Children and Young People; Mental Health and Disability; Conflict, Transformation and Peace Building; Debates in Critical Social Policy.

Admission Requirements: A minimum 2:2 undergraduate degree or equivalent in social policy. Applicants with other relevant degrees in the broad areas of the humanities and social sciences (sociology, philosophy, politics

and government, social care, social work, early childhood studies, public health, history, law, economics, archaeology, anthropology, theology) and/or relevant experience, e.g., extensive experience in the areas of community activism, youth work, social work, trade union activism and development work will also be considered.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://www.ucc.ie/en/cke62/

Application: Apply online at https://www.ucc.ie/en/apply/

G8	MSc in Applied Social Research	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: This Masters programme aims to equip students with the skills necessary for the conduct of social research, including advanced training in quantitative and qualitative methodologies. The programme is multi-disciplinary, and career focused. We aim to create a stimulating learning environment for our students and put great store in the search for innovative directions in research. We teach through a combination of lectures and workshops which encourage interaction, dialogue, and debate between students and between students and their lecturers.

Indicative Content: Qualitative Research Methods and Research Ethics; Quantitative Research Methods; Research Design, Evaluation Research and Literature Searches and Reviews; Work Placement; Research Dissertation.

Admission Requirements: Applicants should normally have an upper second-class Honours degree in one of the Social Sciences. Applications from graduates in other disciplines (e.g., health sciences, business studies, marketing, history etc.) who have relevant experience will be considered.

IETLS: Minimum 6.5 overall score required.

Programme Webpage: www.tcd.ie/swsp/postgraduate/social-research/

Application: Apply online via the programme webpage.

G9	MA in Sociology (Applied Social Research)	UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: The programme focus is on sociological research methods, and the intention is to produce graduates ready to embark on research careers in the private, public, voluntary or academic spheres. Modules on qualitative and quantitative methods form the core of the programme, along with modules on substantive issues of contemporary relevance. Theoretical framing and analysis of qualitative data, and statistical analysis of large-scale survey data sets is central to the programme.

Indicative Content: Core – Quantitative Research Methods 1; Qualitative Methods 1; Researching Social Exclusion 1; Researching Social Change; Dissertation. Options – Quantitative Research Methods 2; Qualitative Research

Methods 2; Researching Social Exclusion 2; Researching Social Change 2; Sociological Debates; Researching Health and Illness; Researching Irish Media Audiences.

Admission Requirements: The basic requirement is a First Class or Second-class Honours degree in sociology or a cognate area or an approved equivalent qualification or an equivalent capability based on prior substantial relevant experience. Applicants may be required to submit a portfolio of work and undergo an interview.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2Bf27gb

Application: Apply online via the programme webpage.

H

Women's Studies, Gender Studies and Equality Studies

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The purpose of the M.Sc. in Equality Studies is to cultivate an interdisciplinary appreciation of equality issues of both national and international significance, informed by extensive reading, critical analysis, advanced conceptualisation and independent research across social, political, cultural, economic and legal fields of enquiry. The programme is aimed at students who wish to develop a career or further studies in the field of equality, or who wish to become advocates or activists for equality in civil society or politics.

Indicative Content: <u>Core</u> – Egalitarian Theory; Sociology of Inequality; Feminist and Egalitarian Research; Research and Skills Portfolio. <u>Options</u> – Equalities and Social Justice and Children's Learning; Human Rights Law and Equality. Masculinities, Gender and Equality; Critical Political Economy; Development and the Global South; Critical Geographies: Spatialising Power and inequalities; Gender, Inequality and Public Policy; Space, Place and Gender: Interrogating Feminist Geographies; Culture and Sexualities; Gender, Conflict-Related Harm & Transitional Justice; Asylum and Refugee: Law, Politics and Rights; Topics in Continental Philosophy; International Political Theory; International Political Economy; Theory of Human Rights; The Politics of Inequality; Nationalism and Social Change; Organised Violence and Society; Critical Race and Decolonial Theory.

Admission Requirements: Normally students on this programme will have attained a higher Second-class Honours in their primary degree and will have demonstrable experience in or aptitude for the field of equality studies, as illustrated in their personal statement. Students with a lower Second-class Honours degree may be considered for the programme, depending on level of commensurate experience and qualifications, and availability of places, as assessed by the applications review panel.

IELTS: Minimum 6.5 overall score required with no section less 6.0.

Programme Webpages: [shortened as] https://bit.ly/2Nn9W40

Application: Apply online via the programme webpage.

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MA in Gender Studies continues to deliver rigorous, critical, dynamic learning in feminisms, sexualities, masculinities, gender debates, politics and activisms. Our global and intersectional feminist perspectives offer a complex understanding of how oppression and discrimination operate across society, politics and the economy.

Indicative Content: <u>Core</u> – Gender, Inequality and Public Policy; Space, Place and Gender: Interrogating Feminist geographies; Gender Studies and Minor Thesis; Gender Studies: Critical Themes; Feminist & Egalitarian Research. <u>Options</u> – Queer Frictions: Gender and Sexuality in Contemporary Literature & Culture; Human Rights Law and Equality; Masculinities, Gender and Equality; Culture and Sexualities; Gender, Conflict-related Harm & Transitional Justice; Gender, Sexuality, and the Body: The Politics of Belonging; Critical Race & Decolonial Theory.

Admission Requirements: Minimum 2:2 Honours (or equivalent) in an Honours level bachelor's degree.

IELTS: Minimum 6.5 overall score required with no section less 6.0.

Programme Webpages: [shortened as] http://bit.ly/2tlYixn

Application: Apply online via the programme webpage.

H3	MPhil in Gender and Women's Studies	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The programme is both interdisciplinary and multidisciplinary, training students to research across a range of disciplines. Its students acquire a deep understanding of the cultural contexts in which theories of gender are produced, performed and negotiated and an ability to use primary source material as well as critical theories and scholarship. The programme also hones the sort of analytical, written, and verbal communication skills that are highly valued and effective in a many different careers.

Indicative Content: Core – Gender Theories; Approaches and Methods to Gender Research; Dissertation. Options – Gender and Symbolic Violence; Gender, Art and Identity; Gender and War in the 20th Century; Saints and Sanctity in Ireland, Britain and Europe; Gender and Nation in Irish Writing; Gender, Identity and Authority in Eighteenth Century France; Approaches to Historical Research; Libraries and Archives; Curating Art in Theory and Practice.

Admission Requirements: Applicants should normally have at least an upper second class (2:1) Honours bachelor's degree or equivalent (for example, GPA of 3.3) in a relevant area. Since places on the programme are limited, applicants may be interviewed or asked to submit a writing sample for assessment.

IELTS: Grade 6.5 minimum overall score required.

Programme Webpage: https://www.tcd.ie/cgws/courses/mphil.php

Application: Apply online via the programme webpage.

H4	MA in Women's Studies	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The programme covers a range of themes including representations of women in history, literature and popular culture (music and film); gender and sexuality; women and politics; women, work and family, and gender violence. You will be provided with training in research skills and introduced to theoretical material that will enhance your personal research. During the taught months of the programme, from late September to May, themes like those above are explored in lectures, seminars and on fieldtrips, and are addressed by guest speakers.

Indicative Content: Feminist Theory; Women in Society I (Contextualising Women in Society); Women in Society II (Interdisciplinary Perspectives); Research Skills in Women's Studies (Part 1: Feminist Methodologies); Research Skills in Women's Studies (Part 2); Dissertation.

Admission Requirements: Normally a minimum 2:2 Honour's degree or equivalent. Relevant experience in community work, industry, or the professions may also be considered. All applicants are required to submit an essay of at least 1,000 words on a book, experience, or personal contact which stimulated their interest in women's studies.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://www.ucc.ie/en/cke03/

Application: Apply online at https://www.ucc.ie/en/apply

H5	MA in Gender, Diversity and Inclusion	MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The MA Gender, Diversity, and Inclusion is a one-year full time (or two-year part time) taught programme that aims to provide students who already have an academic background, interest, or professional experience in a relevant area, such as HR or equality management with an opportunity to specialise at a postgraduate level in the areas of gender, inclusion, and diversity, as they relate to contemporary society and culture. This programme is unique in Ireland for two reasons: its genuinely cross-disciplinary structure, which allows students to explore how gender is relevant for disciplines as diverse as History, Sociology, Media Studies, Social Policy, Music, and Geography; and its practical orientation, which facilitates graduates to make a transition to employment in the area.

Indicative Content: Core – Gender, Diversity, and Inclusion in Theory; Gender, Diversity, and Inclusion in Practice; Research Skills: Data Collection; Thesis. Options – A Literature of Their Own: Gender, Literary Authority and Women's Writing; Same-Sex Passion, Politics and Literature; Gender/Modernity/Modernism; Maternal Counternarratives; Critical Ecologies; Bodies and Environments; Gender and History in Britain and Ireland: A Survey; Gender, Sexuality and Law; State Responses to Historical Gendered Violence; Screen Production – Formats and Genres; Contemporary European Women's Writing; Music and Gender; Intimate Lives; Families, Generations and Societies; Pathways: Education, Work and Social Policy; Human Trafficking: Policy, Perspectives and Debates; Gender, Rights and Social Policy.

Admission Requirements: A 2.1 Bachelor's degree in any discipline. Applicants with a lower grade in their undergraduate degree and/or with equivalent professional experience may also be admitted on the basis of an interview.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3xes9Hs

Application: Apply online at   https://v2.pac.ie/institute/2 - using the **PAC Code: MH20R**

H6   MA in Global Women's Studies: Gender, Globalisation and Rights   NUIG

Study Location: NUI Galway

Programme Duration: 1 year

Programme Outline: Students acquire the theoretical, conceptual and practical tools needed to apply a gender perspective and undertake gender analyses in relevant domains of practice and employment at local, national and international levels, as well as for advanced research at doctoral level and beyond. Students also have the opportunity to undertake an accredited, two-month professional placement with a relevant organisation working on issues related to programme themes.

Indicative Content: Core – Human Rights, Women and Gender; Feminist and Gender Theorising; Gender Perspectives on Globalisation; Research Methods; Dissertation. Options – Gender and Conflict; Women's Agency and Power; *Clár* Collaboration; *Clár* Leadership Project; History and Narrative in Gender Research; Engaged Research Practice: Women, Conflict and Human Security; Applied Gender Analyses; Gender, Sexuality and Global Health; Applied Gender Analysis: Policy and Practice.

Admission Requirements: Applicants must have attained second-class Honours or better in a primary degree in a relevant discipline or equivalent international qualification (minimum GPA 3.00 out of 4.00). Publication/ professional experience as deemed suitable by the College of Arts may be considered where the formal requirements are not completely satisfied.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: [shortened as] www.bit.ly/c9SC9i

Application: Apply online at https://nuigalway.ellluciancrmrecruit.com/Apply

H7   MA in Gender, Politics and International Relations   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MA in Gender, Politics and International Relations is an intensive programme that prepares you for a career in research, policy, or advocacy in international organisations, governmental and non-governmental bodies, or academia. Gender is a fundamental aspect of both the international and domestic political systems. This programme facilitates students to become specialists in understanding how gender shapes both individual and group interactions with politics on the national and global level.

Indicative Content: Core – Research Design; Gender, Peace, and Security; Gender and the Political System; Thesis. Options – Gender, Inequality and Public Policy; Politics of Development; International Political Theory; Thesis; Africa: Crisis and Opportunity; Governing the Global Economy; Politics of Human Rights; Theory of Human Rights; Internship; Politics and Change in the Middle East and North Africa; Peace and Conflict Studies; Psychology of Conflict in MENA; International Security; Politics of (Mis-)Information.

Admission Requirements: A primary degree with at least Second Class Honours Grade 1 (2H1) in a relevant subject such as political science, international relations, social science, sociology, history, geography, economics, global studies, public policy, development studies, EU studies, law.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2YhOFh2

Application: Apply online via the programme webpage.

H8	MA in Gender, Sexuality and Culture	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: We provide our students with a rigorous training in the analysis of gender and sexuality in literature, film, television, media, performance, visual culture, digital culture and more. We enable our students to develop as theoretically sophisticated researchers, writers and critics equipped with cutting-edge critical skills and methods for understanding and analysing the formations of gender and sexuality in culture and society. Our programme values deeply informed, rigorous and innovative analysis, an openness to new perspectives, and self-reflective, socially and politically engaged critical practice.

Indicative Content: Core – Gender and Sexuality in Theory and Representation; Queer Frictions: Gender and Sexuality in Contemporary Literature & Culture; Research Methods; Dissertation. Options – World-Systems, World-Literature; Contemporary US Genre Fiction: Intersection, Disruption, Protest; American Lyric: Document and Memoir; Un/Settling Global Literatures; Masculinities: Gender and Equality; Chick Flicks: Women and Hollywood Storytelling; Stardom, Celebrity & Media Culture; Space, Place and Gender: Interrogating Feminist Geographies; Culture and Sexualities; Gender, Sexuality, and the Body: The Politics of Belonging; Media & Society; Critical Race and Decolonial Theory.

Admission Requirements: This programme is intended for applicants with a background in the humanities, or literature, film studies, cultural studies, visual culture, sociology, anthropology, psychology, psychoanalysis as well as women's studies, gender studies and sexuality studies. A keen interest in gender and sexuality and an ability to analyse textual representations are the key characteristics required. An upper Second-class Honours or the international equivalent is required.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3wxq49e

Application: Apply online via the programme webpage.

I

Information Systems, Communications Technology, Digital Media

I1   MSc in Artificial Intelligence   DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: The MSc in Artificial Intelligence aims to develop learners within the Artificial Intelligence (AI) discipline involving skills in technology, programming, Data Science, and information processing to respond to the ever-growing demand across industries for AI specialists. The programme also recognises the interdisciplinary nature of AI, combined with analytics and large data volumes, creating an environment for AI to emerge as key technology for the future. AI is a set of technologies that use machine learning, speech analytics, natural language processing, machine vision and analytics to process the data to make informed decisions or recommendations.

Indicative Content: Programming for Data Analysis; Cognitive Science for AI; Machine Learning & Pattern Recognition; Recommender Systems; Deep Learning; Reinforcement Learning; Data Visualisation; Applied Research Methods; Applied Research Project.

Admission Requirements: A primary cognate degree with a minimum second-class second division (2.2) classification from a recognised third level institution. Cognate subjects include computer science, technology, networking, information systems, engineering, general science, mathematics, statistics, data analytics or related discipline.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3g2Hsfo

Application: Apply online via the programme webpage.

I2   MSc in Artificial Intelligence   MTU

Study Location: Munster Technological University (Bishopstown Campus)

Programme Duration: 1 year

Programme Outline: This programme provides a technical deep-dive into the area of Artificial Intelligences. It aims to produce AI engineers with a highly relevant skillset in AI topics. Students will learn how to use and develop intelligent computer systems that can learn from experience, recognise patterns in vast amounts of data and reason strategically in complex decision-making situations. Students will be presented with opportunities to work on industry focused projects and research opportunities linked to the domain expertise of each lecturer.

Indicative Content: <u>Core</u> – Practical Machine Learning; Knowledge Representation; Metaheuristic Optimisation; Big Data Processing; Research Practice & Ethics; Deep Learning; Decision Analytics; Research Project. <u>Options</u> – Natural Language Processing; Recommender Systems; AI for Sustainability; Computer Simulation & Analysis; Robotics & Autonomous Systems; Planning and Scheduling; Fraud and Anomaly Detection.

Admission Requirements: A minimum Second-class Honours degree in Computer Science, Computing, Electrical/Electronic Engineering, or a cognate discipline. Furthermore, all successful applicants are required to have a proficiency in mathematics, including statistics, and an advanced level of coding competency in a modern high-level computer programming language.

IELTS: Minimum 6.0 overall score required with no section lower than 5.5.

Programme Webpage: http://www.cit.ie/programme/CRKARIN9

Application: Apply online via the programme webpage.

I3	MSc in Software Design with Artificial Intelligence	AIT

Study Location: Athlone Institute of Technology

Programme Duration: 1 year

Programme Outline: As computers become smarter Artificial Intelligence (AI) is making strides in simulating human thinking. Creating computer systems that automatically improve with experience has many applications including robotic control, data mining, autonomous navigation, and bioinformatics. This course provides a broad introduction to machine learning and statistical pattern recognition. Students will learn about both supervised and unsupervised learning as well as learning theory, reinforcement learning and control.

Indicative Content: Object Oriented Programming; Research Methods & Professional Practice; Applied Scripting Languages; Container Design and Deployment; Continuous Build and Delivery; Microservices Architecture; Engineering Team Project.

Admission Requirements: Applicants should hold a 4-year honours degree in software design or an equivalent qualification with a minimum 2:1 grade.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: https://www.ait.ie/courses/msc-in-software-design-with-artificial-intelligence

Application: Application forms can be downloaded at: www.ait.ie/international/non-eustudents
For enquiries, contact Mary Simpson, AIT International Office - international@ait.ie or +353 90 642 4562.

I4	MSc in Data Analytics	DKIT

Study Location: Dundalk Institute of Technology

Programme Duration: 1 year

Programme Outline: This Master of Science in Data Analytics is a one-year full-time primarily aimed at students with strong numeracy skills who wish to extend their skillset to a more advanced level of theoretical knowledge and practice and to further develop their research capabilities and innovation skills in Data Analytics. The programme takes an integrative approach, focusing on the synthesis of knowledge and practice from specialist areas within the data analytics and computing domains. The aim of this programme is to produce highly skilled graduates with expertise that cuts across the core disciplines of Mathematics, Statistics and Computer Science. It emphasises the critical connection from data to information, from information to knowledge, and from knowledge to decision making, encompassed in the Data-Lifecycle. The educational aim is to develop students' analytical, critical thinking, problem-solving and communication skills and to foster their research capabilities and innovation skills in Data Analytics.

Indicative Content: Data Architecture; Statistics; Programming for Data Analytics; Research Process for Data Analytics; Data Visualisation and Insight; Time Series Analysis; Machine Learning; Ethics in Data Analytics; Research Project; Dissertation.

Admission Requirements: A minimum entry requirement of 2.2 Honours Degree in Mathematics, Statistics, Computing, Engineering, Science or equivalent qualification in a cognate discipline, which includes credits in Mathematics and Statistics and programming centric modules.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://bit.ly/2TMQo16

Application: Apply online via the programme webpage.

I5	MSc in Big Data Management and Analytics	GCD

Study Location: Griffith College Dublin

Programme Duration: 1 year

Programme Outline: Designed specifically to address a growing need in the industry, the MSc in Big Data Management and Analytics at Griffith College is a 1-year programme which aims to build upon students' knowledge of computing science and create big data specialists.

Indicative Content: Big Data Analytics; Information Retrieval and Web Search; Concurrent and Parallel Programming; Cloud Computing; Big Data Management; Data Mining Algorithms and Techniques; Applied Data Science; Research Methods.

Admission Requirements: Candidates applying for this programme should have a 2.2 Honours degree in Computing Science, or a 2.2 Higher Diploma in Computing or related discipline or international equivalent and/or relevant work experience.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2DE5EFv

Application: Apply via the programme webpage.

I6	MSc in Data Analytics	LIT

Study Location: Limerick Institute of Technology

Programme Duration: 1 year

Programme Outline: Big Data presents three primary problems: there is too much data to handle easily; the speed of data flowing in and out makes it difficult to analyse; and the range and type of data sources are too great to assimilate. With the right analytics and techniques, these big data can deliver hidden and unhidden insights, patterns and relationships from multiple sources using Data Analytics techniques. This programme will ensure that you will be able to understand the data context, apply appropriate techniques and utilise the most relevant tools to generate insights into such data.

Indicative Content: Relational Database; Programming for Data Analytics; Data Analytics; Statistics for Data Analysis; Interpretation of Data; Advanced Analytics; Research Methods; Advanced Databases; Data Visualisation; Applied Research Project.

Admission Requirements: An Honours degree in Business, Science or Engineering. Minimum grade of 2.1, comprising of at least 30 ECTS credits in any combination of maths, computer science or engineering.

IELTS: A minimum 6.0 overall score or higher required.

Programme Webpage: [shortened as] https://bit.ly/3btG83S

Application: Apply directly to the International Office by emailing international@lit.ie with an *LIT International Application Form*, which is available for download at https://lit.ie/international-study/how-to-apply.

I7	MSc in Data Analytics	NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: The programme 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 programme will be delivered using academic research, industry-defined practical problems, and case studies.

Indicative Content: Core – Statistics for Data Analytics; Data Warehousing and Business Intelligence; Strategic ICT & eBusiness Implementation; Advanced Data Mining; Data Visualisation; Research in Computing; Research Project. Options – Managing the Organisation; Data Storage and Management; Programming for Data Analytics; Analytical CRM.

Admission Requirements: Minimum of a 2:2 Honour's degree in a cognate area. All applicants must provide evidence that they have prior programming experience. Students will be required to have their own laptop that meets minimum specifications outlined on the course webpage.

IELTS: Overall score of at least 6.5 or equivalent.

Programme Webpage: [shortened as] https://bit.ly/2MkNOLv

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

I8   MSc in Data Science   ITC

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: The programme is designed to meet current industry needs and provides students with a thorough theoretical and practical grounding in the analysis and utilisation of large data sets, together with experience in conducting data science development projects, thereby preparing graduates for positions of responsibility in the Big Data and IT industries. This innovative programme will build on participants' professional and personal skills in areas such as presentation, communication and soft skills as well as data science development, integration and critical thinking around the design, implementation and deployment of data science solutions and systems in industry.

Indicative Content: Programming for Data Scientists; Data and Data Storage Technology; Statistics for Data Science; Research Methods; Infrastructure for Big Data; Data Analytics and Algorithms; Data Visualisation and Insight; Project/Dissertation.

Admission Requirements: Applicants must have obtained a Second-class Honours primary degree (or equivalent) in computer science or mathematical sciences or hold a degree with a strong numerate content (e.g. engineering, finance, physics, biosciences or economics). Applicants who do not meet the above standard entry requirements will also be considered if they have an undergraduate degree and a minimum of 5 years verifiable relevant industrial experience.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2Z4ZzKs

Application: Apply online at https://www.itcarlow.ie/international.htm.

I9   MSc in Business Analytics   DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: This Master of Science in Business Analytics has been developed with the aim of providing learners with the knowledge, skills, and research capability to critically analyse, implement and evaluate big data concepts and techniques to generate valuable insights, thereby assisting with strategic business decisions, increasing productivity, profitability and an organisation's value and market share. This new programme aims to provide learners with the theoretical knowledge and practical skills to critically analyse, evaluate and implement big data concepts and techniques to generate valuable business insights.

Indicative Content: Requirement Analysis; Programming for Analytics; Applied Statistics and Machine Learning; Business Strategy; Project Management; Financial and Business Analytics; Data Mining; Business Intelligence and Visualisation; Applied Research Methods; Applied Project.

Admission Requirements: A minimum second class (2.2) Honours bachelor's degree in a cognate area (e.g. computer science, IT, science, mathematics, statistics, finance, economics, business (including quantitative methods), maths and management information systems,

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3xdte2h

Application: Apply online via the programme webpage.

I10	MSc in Computing	DKIT

Study Location: Dundalk Institute of Technology

Programme Duration: 1 year

Programme Outline: The MSc in Computing introduces some of the latest emerging technologies in the areas of cloud computing, embedded systems, secure architecture and Artificial Intelligence. The course allows the student to study the framework of computer science from a theoretical point of view and apply this knowledge to the development of industrial software in a research-led dissertation. The focus is on ensuring that the student has the appropriate mathematical foundations and programming to develop cutting edge skills for practical application.

Indicative Content: Research Methods and Innovation; Embedded Systems; Cloud Architecture; Secure Architecture; Human Computer Interaction; Software Design; Computer Vision and A1; Software Process Management; Dissertation.

Admission Requirements: A minimum Second Class Honours (2.2) in Computing, or equivalent qualification in a cognate discipline.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://bit.ly/3wayS5e

Application: Apply online via the programme webpage.

I11	MSc in Computing	GCD

Study Location: Griffith College Dublin

Programme Duration: 1 year

Programme Outline: The MSc in Computing aims to give students an insight into the world of academic and industrial computing research. This programme will deliver specialist knowledge and skills essential for a career in computing or IT. In this programme students will build upon their knowledge of supporting topics in the many disciplines of computing. They will learn about mobile app development, gain practical understanding of how to research and master technical issues and explore the theories of cyber and information.

Indicative Content: Research Methods; Computer Networks & Internetworking; Mobile Development; Information Retrieval and Web Search; Information Security; Agile Software Development; Cloud Platforms & Applications; Parallel & Distributed Programming; Dissertation by Practice.

Admission Requirements: A minimum 2.2 Honours degree in Computing Science

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3isYIgZ

Application: Apply online via the programme webpage.

I12	MBA in Cloud Computing	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: This programme is specifically aimed at facilitating the graduate's understanding of how organisations may exploit the vast business opportunities that result from the transformative power that Cloud Computing offers both currently and in the future. There is an emphasis on structured approaches for delivering effective solutions in the Cloud that address value, efficiency, risks and costs associated with an increased reliance on Cloud Computing. The specialism also introduces learners to standard cloud practices and guides them through the planning, deployment and management of a cloud application.

Indicative Content: Global Issues for Management; Strategic Marketing Analysis; Managerial Financial Analysis; Research Methods; Applied Strategic Management; Dynamic Leadership Development; Dissertation; Cloud Technologies for Business; Cloud Application Management.

Admission Requirements: A primary undergraduate honours bachelor degree with a minimum Second Class Second Division classification (2.2) from a recognised third level institution in any discipline from a recognised third level institution (or equivalent), or an equivalent professional qualification such as ACCA or CIMA.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3vIaUhy

Application: Apply online via the programme webpage.

I13	MSc in Cloud Computing	NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: By combining technical skills and innovation principles, this programme effectively delivers core technology skills in cloud software development, fog/edge computing, DevOps, security, and data governance. Having also considered global industry trends, this programme includes electives in quantum computing, blockchain and machine learning.

Indicative Content: Core – Cloud Architecture; Cloud DevOpsSec; Cloud Platform Programming; Fog and Edge Computing; Research in Computing; Scalable Cloud Programming; Data Governance, Compliance and Ethics; Research Project. Options – Innovation; Blockchain Concepts and Technologies; Cloud Machine Learning; Quantum Computing.

Admission Requirements: Minimum of a 2:2 Honour's degree in a computing discipline. Students will be required to have their own laptop that meets minimum specifications outlined on the course webpage.

IELTS: Overall score of at least 6.0 or equivalent.

Programme Webpage: [shortened as] https://bit.ly/3ePQk94

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

I14	MSc in Software Design with Cloud Native Computing	AIT

Study Location: Athlone Institute of Technology

Programme Duration: 1 year

Programme Outline: Cloud native applications are designed to capitalise on the scalability and flexibility of the cloud. In contrast to traditional monolithic applications, cloud-native applications are built using multiple, independent microservices that are deployed in cloud environments. Cloud native development takes an agile approach to creating new applications. Using a DevOpsbased continuous delivery model, software development teams can quickly, iteratively and automatically add new features to an application. This MSc provides the theoretical and practical skills needed to develop software systems which use Infrastructure-as-a-Service (IaaS) to run applications on servers that can be provisioned on demand.

Indicative Content: Object Oriented Programming; Research Methods & Professional Practice; Applied Scripting Languages; Data Mining and Machine Learning; Data Visualisation; Advanced Machine Learning and Neural Networks; Engineering Team Project.

Admission Requirements: Applicants should hold a 4-year honours degree in software design or an equivalent qualification with a minimum 2:1 grade.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: https://www.ait.ie/courses/msc-in-software-design-with-cloud-native-computing

Application: Application forms can be downloaded at: www.ait.ie/international/non-eustudents
For enquiries, contact Mary Simpson, AIT International Office - international@ait.ie or +353 90 642 4562.

I15	MSc in Software Engineering	AIT

Study Location: Athlone Institute of Technology

Programme Duration: 1 year

Programme Outline: The aim of this programme is to provide an opportunity for computer professionals and engineers to enhance their knowledge and expertise in areas of current active research and development in software engineering. Participants gain exposure to the various techniques for performing academic research. The programme also aims to provide an environment in which the participant is exposed to new technological developments, to ethical and social issues affecting the computer industry, and to the requirement to uphold general professional standards.

Indicative Content: Software Engineering Project; Software Design; Data Science; Service-oriented Architecture; Agile Build and Delivery; Database Systems; Computer Networks and Telecommunications; Data Visualisation; Rich Internet Applications.

Admission Requirements: Honours (Grade 2.2) degree in an appropriate engineering, computing or cognate discipline, or an equivalent qualification. Appropriate experience (or appropriate qualifier) may also be required depending upon the degree qualifications.

IELTS: Minimum 6.0 overall score or equivalent**.**

Programme Webpage: ait.ie/programmes/msc-in-software-engineering

Application: Application forms can be downloaded at: www.ait.ie/international/non-eustudents
For enquiries, contact Mary Simpson, AIT International Office - international@ait.ie or +353 90 642 4562.

I16	MA in Creative Practice	GMIT

Study Location: Galway-Mayo Institute of Technology

Programme Duration: 1 year

Programme Outline: The programme will support imaginative, experimental, and interdisciplinary enquiry through a range of media and approaches. Students will choose one of four strands in which to base their study: Contemporary art studio practice; Digital cultures; Film and lens-based media; Socially engaged practice. Students will be encouraged to work collaboratively as well as be independent, self-directed critical thinkers.

Indicative Content: Core – Themes and Issues in Creative Practice; Professional Development; Research and Innovation. Options – Research Project or Creative Practice Project and Minor Thesis.

Admission Requirements: All qualified applicants with a relevant Level 8 qualification or equivalent will be short-listed for interview. Other applicants may be considered through the Recognition of Prior Learning (RPL) process.

IELTS: Minimum 6.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] http://bit.ly/2x1dDXy

Application: Apply via an online application form available at https://www.gmit.ie/international/international-online-applications

I17	MA in Interaction Design	NCAD

Study Location: National College of Art and Design

Programme Duration: 1 year

Programme Outline: The MA Interaction Design programme teaches fundamental approaches, methods and tools related to the design of digital products, experiences, systems, and services with a focus on users and context of use. The MA is studio-based with students engaging in lectures, seminars, workshops, fieldwork, and independent and group projects. The studio environment is an essential component, fostering collaborative and peer-to-peer

learning. This programme brings together candidates from a range of fields including design, art, computer science, psychology, sociology, and business, and prepares graduates to play a leading role in the development of emerging technology in society.

Indicative Content: User Experience (UX), User Interface Design; Design Ethnography; Service Design; Coding; Physical Computing; Systems Thinking; Prototyping and Digital Fabrication.

Admission Requirements: An Honours degree award of 2.2 or higher, or an equivalent academic or professional qualification across various disciplines including design, art, the humanities, social science, computer science, engineering, and business.

IELTS: Minimum 6.5 overall score required with a minimum of 6 in the writing section.

Programme Webpage: https://bit.ly/3g9GTSs

Application: Apply online via the programme webpage.

I18	MA in Communication Design	NCAD

Study Location: National College of Art and Design

Programme Duration: 15 months

Programme Outline: The MA Communication Design operates across a range of disciplines and methodological approaches and contexts. It combines core taught elements in research and critical studies, with advanced studio practice. The programme is a research-led taught masters aimed at building on knowledge and practice acquired at undergraduate level and within professional practice, with applicants proposing a research agenda that will provide a focus for their study. The aim of the MA is to create a design culture that thrives on new ideas, new ways of doing things and new areas of exploration.

Indicative Content: Core – Design Research through Practice; Collaborative Design Studio; Introduction to Research Methods; Design Development; Design to Change; Author & Audience; Design Studio, Major Project Proposal; Design Industry Internship. Options – Design Incubation and Enterprise; Design Research and Development.

Admission Requirements: An Honours degree award of 2.2 or higher, or an equivalent academic or professional qualification across various disciplines including design, art, the humanities, social science, computer science, engineering and business.

IELTS: Minimum 6.5 overall score required with a minimum of 6 in the writing section.

Programme Webpage: https://bit.ly/2SruOz1

Application: Apply online via the programme webpage.

I19	MSc in FinTech	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: This MSc in FinTech is a programme with an integrated delivery from end-to-end covering a wide range of financial technology topics, whilst providing a focus on application and the regulation required in this area. The programme focuses on practical skills in core areas such as financial analytics, advanced databases, disruptive technologies, web technologies and security while also offering applied skills in contemporary topics such as data analytics, and financial applications. Its aim is to create a critical understanding of core financial technologies and financial systems while also enhancing the practical technical skills of the learners.

Indicative Content: FinTech: Markets and Services; Quantitative Financial Modelling; Information and Cybersecurity Management; Blockchain and Distributed Ledger Technologies; FinTech Regulation; Data Analytics and Machine Learning; Applied Financial Analysis; Innovation and Entrepreneurship in FinTech; Research Methods; Applied Project.

Admission Requirements: A 2.2 Honours degree or above in a cognate (science, technology, computing, business, finance or related) discipline, or a 2.2 or above in a non-cognate discipline with at least 2-3 years professional industry experience.

IELTS: Grade 6.0 minimum overall score required.

Programme Webpage: [shortened as] https://bit.ly/3whnTqM

Application: Apply online via the programme webpage.

I20	MSc in FinTech	NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: This MSC in FinTech provides learners with the latest knowledge and competencies at the intersection of finance and technology, allowing them to exploit opportunities in this rapidly evolving area. 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 principles of fintech, as well as data analytics and emerging technologies. Learners on this programme will gain in-depth knowledge and skills in the core topics of fintech including Financial Markets and Financial Services Regulation, Financial Data Analysis, Blockchain Technologies, Governance, Compliance, and Information Assurance, Cybersecurity and IT Auditing, Data Analysis and Visualisation, Entrepreneurship in fintech including organisational models and culture.

Indicative Content: Data Analytics; Data Governance and Compliance; Financial Markets; Information Assurance and Cybersecurity; Blockchain Technologies; Contemporary Topics in Fintech; Financial Analytics; Crowd Markets; Digital Forensics and Auditing; Entrepreneurship in Fintech; Industry Based Research Project; Research Project.

Admission Requirements: A 2.2 honours degree or its equivalent in one or more of the following domains: computer science, finance, business, or economics. Cognate disciplines will also be considered. Students will be required to have their own laptop that meets minimum specifications outlined on the course webpage.

IELTS: Grade 6.5 minimum overall score required.

Programme Webpage: [shortened as] https://bit.ly/3wbPJon

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

| I21 | MEngSc in Electronic & Computer Engineering | UCD |

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MEngSc in Electronic & Computer Engineering is a year-long programme designed to meet the demands of modern high technology industries and to provide training for engineers who wish to work at a high level in the electronic and computer sectors worldwide. The student is provided with a deep understanding of a wide range of topics pertinent to the electronic and computer hardware and software industries. Graduates will develop an advanced understanding of the theory and technology of modern electronic and computer systems and their business environment.

Indicative Content: Core – MEngSc Project. Options – Numerical Algorithms; Networks and Internet Systems; Advances in Wireless Networking; Introduction to Information Security; Communication Theory; Signals and Systems; Digital System Design; Control Theory; Wireless Systems; Digital Communications; Neural Engineering; Advanced Signal Processing; Radio-Frequency Electronics; Digital and Embedded Systems; Entrepreneurship in Engineering; Power Electronics Technology; Optimisation Techniques for Engineers; Mixed Signal Integrated Circuits; Professional Engineering (Finance); Professional Engineering (Management).

Admission Requirements: An honours undergraduate degree with a minimum upper Second-class honour (2.1) or international equivalent in an Electrical, Electronic or Computer Engineering programme is required.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3vaSTHM

Application: Apply online via the programme webpage.

| I22 | MSc in Electronic Information Engineering | TCD |

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: This is a taught master's programme which aims to equip graduates with a deep knowledge and understanding of the design tools for modern computational products and systems. Graduates specialise in fundamental theory and applications relating to the generation, distribution, analysis and use of information in engineering and science. Students may select from a number of 5th year MAI and MSc level programmes to attain the credits sufficient for the award.

Indicative Content: Core – Research Project/Dissertation; Research Methods; Statistical Signal Processing; Introduction to Deep Learning. Options – Speech and Audio Engineering; Spatial Audio; Audio Production

Engineering; Digital Media Systems; Audio Production Techniques; Micro-Electronic Circuits; Integrated Systems Design.

Admission Requirements: Admission is normally restricted to graduates who have achieved an upper second class Honours degree (2:1), or better, in engineering, science, computing, statistics, mathematics or a related discipline. Well-qualified candidates or industry professionals from other numerate disciplines who have sufficient knowledge of computational aspects of engineering and science, may also be considered.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://www.tcd.ie/eleceng/postgraduate/MSc/

Application: Apply online via the programme webpage.

I23	MSc in Computing (Information Systems Processes)	WIT

Study Location: Waterford Institute of Technology

Programme Duration: 1 year

Programme Outline: The MSc in Computing in Information Systems Processes combines the human, the organisational, and the technological to provide a broad perspective of modern information systems and their development. The human aspects of the programme explore issues such as human-computer interaction, psychology, computer ethics, and systems development in the human-centred tradition.

Indicative Content: Core – Business Process Analysis & Design; Ethics and e-Privacy; Human Centred Systems; Research Methods; Research Project and Dissertation. Options – Information Systems Project Management; Socio-Technical Entrepreneurship; Agile Software Development; Supply Chain Integration Technologies; Design Patterns.

Admission Requirements: An Honours degree in Computing, Information Technology or equivalent. Alternatively, an Honours degree in Business Studies or Engineering where there is a strong computing component will also be acceptable.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2BgdOmF

Application: Apply online at https://v2.pac.ie/institute/6

I24	MSc in Information Systems with Computing	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: The programme is designed to create a deep level of knowledge and understanding in core areas such as programming, databases, web technologies and security while also offering practical skills in contemporary topics such as data analytics, distributed systems and mobile and social computing. In addition, the

programme allows students to explore the issues around the management of information technology in business and industrial contexts.

Indicative Content: Software Engineering; Advanced Databases; Networks and Systems Administration; Programming for Information Systems; Web & Mobile Technologies; Applied Research Methods; Data Analytics and Visualisation; Computer Systems Security; Enterprise Information Systems; Project; Web Development for Information Systems; Applied Research Project.

Admission Requirements: A minimum Second-class Honours (2:2) in an IT/IS discipline or a business discipline where IT/IS, is a significant component of the degree from a recognised third level institution, or equivalent qualification in a cognate discipline.

IELTS: Grade 6.0 minimum overall score required.

Programme Webpage: [shortened as] https://bit.ly/2npEG9q

Application: Apply online via the programme webpage.

I25	MBA in Information Systems	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: This programme focuses on strategic business information systems knowledge as well as disruptive technologies and the innovations that occur in this field. It brings learners up to speed on the knowledge and current trends in technology and how best to use them for enhanced judgement and strategic business performance. The development of IS skills in learners enables them to select operate information systems which will support the extraction and use of organisational information to aid strategic decision making.

Indicative Content: Global Issues for Management; Strategic Marketing Analysis; Managerial Financial Analysis; Research Methods; Applied Strategic Management; Dynamic Leadership Development; Dissertation; Strategic Information Systems; Innovation and Disruptive Technologies.

Admission Requirements: A primary undergraduate honours bachelor's degree with a minimum Second Class Second Division classification (2.2) from a recognised third level institution in any discipline from a recognised third level institution (or equivalent), or an equivalent professional qualification such as ACCA or CIMA.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3uDXSQG

Application: Apply online via the programme webpage.

I26   MSc in Information Technology Management   ITC

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: This exciting Masters programme in Information Technology Management will provide students with a comprehensive skillset to fulfil and succeed in a variety of roles in the field of IT Management. Drawing on best practise from Ireland and abroad, the programme is designed to meet current industry needs and is aimed at developing academic knowledge and practical skills.

Indicative Content: Leadership & Strategy; Innovation Management; Technology Integration and Project Management; Information Security Management; Data & Information Systems Management; Vendor & Service Management; Dissertation; Research Methods.

Admission Requirements: Suitable for graduates of computer science with a minimum second class Honours degree. Applicants who do not meet the standard entry requirements will also be considered if they have an undergraduate degree and a minimum of 5 years verifiable relevant industrial experience.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3f7Yes3

Application: Apply online at https://www.itcarlow.ie/international.htm.

I27   MSc in Computer Science (Intelligent Systems)   TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: This programme focuses on smart, interactive web applications and systems, which are becoming an integral part of our daily lives - at home, in the workplace, and in social interaction. Designing and building these systems requires expertise in artificial intelligence, human language understanding and generation, web systems and applications, data analytics and knowledge engineering. This programme is closely linked to the school's research groups involved in the ADAPT centre for Digital Content Technology.

Indicative Content: Machine Learning; Research Methods; Innovation; Artificial Intelligence; Knowledge & Data Engineering; Text Analytics; Information Retrieval & Web Search; Adaptive Applications; Advanced Software Engineering; Dissertation.

Admission Requirements: A 2:1 grade or higher from a reputable university in Computing or strongly related discipline. You need to be able to be fully competent in programming in C, C++ or Java.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] http://bit.ly/2x5AK1b

Application: Apply online via the programme webpage.

I28   MSc in IT-Enabled Innovation   MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The MSc in IT-Enabled Innovation is aimed at both Business and non-Business graduates**.** This programme develops the capacity for participants to understand how IT operates both as a function and as a key interrelated resource within an organisational context. This involves understanding people, work processes, relationships, organisation structures, and organisation strategies, and how all of these impact on and are impacted by Information Technology.

Indicative Content: IT Governance, Performance and Risk; Digital Business; Strategic Management; Career Planning and Development; Contemporary Issues in IT; IT Skills and Capabilities: Digital Enablement; Financial Management; Actionable Insights Through Research; Business Research Project; Placement Project; Dissertation

Admission Requirements: This programme assumes no prior knowledge of IT, Business or Management topics. Candidates should have a minimum 2.2 grade Honours degree.

IELTS: Minimum 6.5 overall score required, with a minimum score of 6.0 in reading and writing.

Programme Webpage: [shortened as] https://bit.ly/2BBqNin

Application: Apply online at   https://v2.pac.ie/institute/2 - using the **PAC Code: MH84D**

I29   ME in Internet of Things Technologies   TUD

Study Location: Technological University Dublin (Blanchardstown Campus)

Programme Duration: 1 year

Programme Outline: The aim of this Dual-Pathway MEng in IoT Technologies programme is to contribute to meeting the skills needs for sustainable IoT deployment and expansion. Specifically, the programmes will produce graduates with: Comprehensive qualifications in research and project management skills that can be directly applied into high-end research, development, and innovation to support engineering practice in the predicted future growth in IoT; Knowledge and competences for design, commissioning, and maintenance of IoT systems and processes.

Indicative Content: Core – Embedded Systems; Information Transmission & Management; Software Engineering; Research Project; Statistical Analysis for Engineers; IoT Systems; Secure Communication & Cryptography. Options – Technology & Innovation Management; Geodata Provisions; Advanced Signal Processing; Network Security; Programming for Big Data.

Admission Requirements: Minimum Second-class (2.2) Honours Degree in Electronic Engineering, Electrical & Electronic Engineering, Computer Engineering, Mechatronic Engineering, and Computer Science or related disciplines.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3gddarV

Application: Apply online via the programme webpage.

I30	MSc in Interactive Digital Media	GCD

Study Location: Griffith College Dublin

Programme Duration: 1 year

Programme Outline: This multidisciplinary programme enables students to develop a cutting-edge skillset using the most up to date, industry-standard technology and challenges its students to innovate and develop ground-breaking new interactive digital technologies and experiences. The programme aims to build upon students' knowledge of digital for an exciting career in a growing media industry.

Indicative Content: Core – Web Authoring; Visual Communication; Digital Media & Society; Research Methods; Interaction Design; Multimedia Programming; Business of Digital Media; Digital Media Platforms; Dissertation. Options – Game Design and Development; Theories & Principles of Animation; Digital Storytelling; 3D Modelling & Rendering; Desktop Publishing; Server-side Web Development & Databases; eLearning; Video Production.

Admission Requirements: Candidates applying for this programme should have an Honours degree 2:2 or above in any discipline or international equivalent and/or relevant work experience.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2WgI5sI

Application: Apply via the programme webpage.

I31	MSc in Digital Media with Business Analytics	ITC

Study Location: Institute of Technology, Carlow (Wexford Campus)

Programme Duration: 1 year

Programme Outline: Digital Media is now an integrated part of all areas of the digital landscape. Covering areas from tradition graphic design and web and digital media, but also now a key skill in all forms of marketing, business and data analysis. Technology and its seamless integration into our lives has now caused an increased need for well-designed information and assets, delivered in a bespoke, market focused format. Analytics, and information and the use of data, is now a major role in the digital landscape. Understanding data, retrieval, processing and presentation of data is a highly sought-after skillset, across many if not all areas of business world. This programme aims to marry these two skills together and create a learner that is highly skilled in Digital Media Design with an in-depth knowledge of Business Analytics.

Indicative Content: Digital Media Design; Information Design; Digital Media Applications; Programming for Data Analytics; Business Intelligence Applications; Business Data Analytics; Digital Strategy; Research Methods; Placement or Research Project.

Admission Requirements: All applicants will need to have a Level 8 honours degree with 30 ECTS credits in a design/digital related subject/module. Candidates are sought from the areas of Design, Creative Arts, Computing, TV & Media, Business, Digital Marketing, Business Analytics & Data Science.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3f8MOnN

Application: Apply online at https://www.itcarlow.ie/international/non-eu-students.htm

I32	MA in Media Studies	MIC

Study Location: Mary Immaculate College

Programme Duration: 1 year

Programme Outline: The Master's in Media Studies at MIC is an innovative programme that offers students the opportunity to study a wide range of contemporary media topics at an advanced level. These include streams in Film Studies, Audio Studies and Cultural Studies. The programme familiarises students with current issues and developments in Irish and international mass media and mass media theory, situating the analysis of Irish media within the context of post-Independence Irish society, culture, and identity. Students develop the ability to analyse structures, trends and developments in the mass media and to undertake research, using a variety of methodologies, on key aspects of media production, texts and consumption. All courses are taught by experienced researchers with practical knowledge of the industry and the small group sessions facilitate collaborative learning, both theoretical and practical. The programme enables graduate students to develop a deeper understanding of the field and provide the foundations for their own original research and career development.

Indicative Content: Critical Issues in Media Theory; Mass Media Research Methods; Radio: Invisible Medium; Television Drama: Industry, Form & Audience; Ireland and Film; News and News Media; Researching Irish Media Audiences; Sociolinguistics of Irish Media; Women and Ageing in Popular Culture; Scriptwriting for TV Drama and Film; Music and Sound in Popular Culture; Media, Sport and Popular Culture; Popular Music Studies; Sound, Media & Society; Community Media Engagement; The Development of Irish Media: A Theoretical Overview.

Admission Requirements: 2.2. in relevant degree or media industry experience.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2TkMHQ2

Application: Apply online via the programme webpage.

I33	MSc in Interactive Digital Media	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: The M.Sc. programme concentrates on teaching the theory associated with developing and implementing digital media applications rather than teaching how to use off-the-shelf applications. Students are exposed to programming languages and platforms as well as methodologies for the creation, capture and presentation of text, graphics, audio and moving images. Students work collaboratively on programme assignments and final projects which are exhibited publicly at the end of each year.

Indicative Content: Programming for Digital Media; Authoring for Digital Media; Contextual Media; Audio, Video and Sensor Technologies; Visual Computing and Design; Research Paper; Final Project.

Admission Requirements: Applications will be accepted from good Honours' graduates in any discipline. Literary, artistic and creative ability is taken into consideration along with mathematical and problem-solving ability. Knowledge of programming is not a pre-requisite for entry.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2JO9Xxv

Application: Apply online via the programme webpage

I34	MSc in Interactive Media	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: The broad aim of the programme is to equip students from a wide range of backgrounds with a thorough understanding of the technology and industry-standard tools used in the digital media sector. On successful completion of the programme, you will have a comprehensive knowledge of the underlying concepts, technologies and practices of interactive digital media and be able to apply these to create interactive digital media products.

Indicative Content: Core – Authoring; Web Development for Digital Media; Graphics for Interactive Media; Audio and Sound Engineering; Digital Video Capture and Packaging; 3D Graphics and Modelling; Dissertation. Options – Future and Emerging Interaction Technologies; Internet-Based Applications; Digital Video Compression and Delivery; Human Computer Interaction; Mobile Multimedia; Audio Processing.

Admission Requirements: Graduates of any discipline who have achieved at least a 2:2 Honours degree, or equivalent professional qualification, provided there is no significant overlap between their previous programmes of study and the content of this programme.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: www.ucc.ie/en/ckr05

Application: Apply online at https://www.ucc.ie/en/apply/

I35	MA in Public Relations with New Media	MTU

Study Location: Munster Technological University (Bishopstown Campus)

Programme Duration: 1 year

Programme Outline: This innovative MA programme offers the opportunity to gain a comprehensive understanding of public relations as a form of communication and pays particular attention to the growing importance of digital and interactive media on the practice of public relations and professional communications.

Indicative Content: <u>Core</u> – PR Theory & Application; Research Methods and Practice; Ethics & Social Responsibility; Multimedia Production; Media Writing; Cybercultures; New Media Production; PR and New Media; Public Relations Campaigns; Business Communications & Online Writing; Project. <u>Options</u> – Brand Management; Digital Marketing Environment; Event & Project Management; Media & Communications Law, Enterprise, and Innovation.

Admission Requirements: A minimum 2:2 Honour's degree. Admission to the programme will be based on interview.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: http://www.cit.ie/programme/CRBPRNM9

Application: Apply online via the programme webpage.

I36	MSc in Computer Science (Negotiated Learning)	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc Computer Science (Negotiated Learning) is a uniquely flexible and innovative programme. It offers a negotiated learning model for students with an ICT background that allows you to customise your learning path and to tailor what you learn to your own specific c needs and career aspirations. Module choices include several programming languages, cloud computing, bioinformatics, data mining, machine learning and information visualisation.

Indicative Content: Artificial Intelligence and Cognitive Science; Computer Engineering; Data Manipulation and Visualisation; Prediction and Learning with Data; Data Science Programming; Distributed Computing; Mathematics and Statistics; Software Engineering; Advanced Software Engineering; Forensics and Security.

Admission Requirements: An upper second class honours degree, or the international equivalent in computer science or a related area or a minimum of three years' relevant industrial work experience is required.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as https://bit.ly/3g4XOEC

Application: Apply online via the programme webpage.

I37	MSc in Computer Science (Conversion)	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc. Computer Science (Conversion) is an NFQ Level 9 skills conversion programme aimed at students holding a primary degree in another discipline (e.g., Arts, Business, Social Science, etc.) who wish to gain a postgraduate qualification in Computer Science. Building on key transferable graduate outcomes of communication, reflection, critical thinking and independent learning that students bring to the programme,

this programme seeks to develop individuals with a passion for Computer Science and the skills and experience necessary to enter into an IT-related career.

Indicative Content: Programming (Conversion); Data Structures & Algorithms (Conversion); Relational Databases & Information Systems (Conversion); Python OOP (Conversion); Operating Systems (Conversion); Computer Architecture & Organisation (Conversion); Web Application Development (Conversion); Java Programming (Conversion); Software Engineering (Conversion); Computational Thinking (Conversion); Data Analytics (Conversion); Research Practicum.

Admission Requirements: An Upper Second-class honours degree, or the international equivalent, in a discipline other than Computer Science is required for entry. (In exceptional circumstances, a Lower Second class honours degree (2:2 grade) will be considered if the applicant shows evidence of significant relevant prior experiential learning.)

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as https://bit.ly/3idF1ti

Application: Apply online via the programme webpage.

I38	MSc in Computing Science	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: This MSc programme will provide you with the skills required to understand the entrepreneurship and innovation required for the software industry. Many national and multinational companies employ computer science graduates in areas such as software development and engineering, artificial intelligence, systems and networks, database and systems security as well as mobile multimedia, modelling, research and development. You will also get the chance to demonstrate the skills you have learned by completing a substantial research and development project.

Indicative Content: <u>Core</u> – Case Studies in Computing Entrepreneurship; Database Technology; Information Storage and Retrieval; Project Development Skills; Complex Systems Development; Scalable Computing for Data Analysis. Dissertation in Computing Science. <u>Options</u> – Design of Cyber-Physical Systems; Mobile Network Protocols; Mobile Devices and Systems; Mobile Applications Design; Formal Methods for Distributed Systems; Model-Based Software Development; Optimisation; Applied Computer Simulation and Analysis; Virtualisation Technologies; Topics in Artificial Intelligence; Services and Mobile Middleware; Multimedia Technology in Mobile Networks; Cellular Network Security; Data Mining.

Admission Requirements: Second-class Honours (2.1 grade) or higher degree in Computer Science or a closely related discipline. Applications from other suitably qualified candidate, or from those with equivalent experience/qualifications, will be considered.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: http://www.ucc.ie/en/ckr40/

Application: Apply online at https://www.ucc.ie/en/apply/

| I39 | MSc in Network and Information Security | GCL |

Study Location: Griffith College Limerick

Programme Duration: 1 year

Programme Outline: Designed specifically to address a growing need in the industry, the MSc in Network and Information Security at Griffith College is a 1-year programme which aims to enable students to develop robust and efficient network security plans, strategies and solutions.

Indicative Content: Information and Network Security Technologies; Legal and Ethical Aspects of Information Security; IT Infrastructure Protection & Ethical Hacking; Cryptography; Computer Forensics; Managing Information Security; Telecommunication Networks and Services; Research Methods; Dissertation.

Admission Requirements: Candidates applying for this programme should have a 2:2 Honours degree in Computing Science.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] http://bit.ly/2wp5KMw

Application: Apply online via the programme webpage.

| I40 | MSc in Cybersecurity | DBS |

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: This programme aims at developing learners within the Cybersecurity discipline and involves theoretical knowledge and advanced skills in technology, communication information management, and processes to enable assured operations in the context of threat identification and mitigation. Learners develop advanced practical skills in essential areas such as programming, advanced databases, networks, and systems administration, while also offering theoretical knowledge of cryptography and digital forensics. This programme aims are to enable learners to develop mastery of current and developing computer technologies especially skills related to the development and use of cybersecurity.

Indicative Content: Advance Programming Techniques; Advanced Databases; Network & Systems Administration; Cryptography & Digital Forensics; Communication & Network Security; Cybersecurity for Software Development; Penetration Testing & Business Continuity Management; Organisational and Societal Cybersecurity; Applied Research Methods; Applied Research Project.

Admission Requirements: A primary cognate degree with a minimum Second-class (2.2) classification from a recognised third level institution. Cognate subjects include computer science, technology, networking, information systems, engineering, general science, mathematics, statistics, data analytics or related discipline.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3ge3Gwt

Application: Apply online via the programme webpage.

I41   MSc in Cybersecurity   NCI

Study Location: National College of Ireland (IFSC Campus)

Programme Duration: 1 year

Programme Outline: This MSc in Cybersecurity 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. The course also provides a sharper focus into forensics and cloud security through the two specialisations that are offered to the learners. 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.

Indicative Content: Security Fundamentals; Secure Programming for Web; Network Security and Penetration Testing; IT Law and Ethics; Research in Computing; Cryptography; Secure Programming for Application Development; Malware Analysis; Research Methods; Internship.

Admission Requirements: An honours primary degree in computing or a cognate area with a 2.2 award or higher. Cognate area means a STEM (science, technology, engineering, and mathematics) degree that also has taught programming/ application development related modules. Candidates are expected to have programming ability.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3vivioq

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

I42   MSc in Cybersecurity   MTU

Study Location: Munster Technological University (Bishopstown Campus)

Programme Duration: 1 year

Programme Outline: This programme aims to fill the ever-increasing skills gap in the areas of cybersecurity and information systems, and delivers material that follows the most current practice. Upon successful completion of this programme the student will both understand and deploy the most advanced methods to protect information at rest, in transit, and at work. The full-time offer is taught on the Bishopstown Campus while some elective modules may be delivered online.

Indicative Content: Core – Incident Response and Digital Forensics; Security Risk and Compliance; Applied Cryptography; Web Application and Network Penetration Testing; Networking Security & Forensics; Scripting for System Administrators; Information Security Research Project. Options – Cloud Security; Data Analytics; Malware Investigations; Malware Reverse Engineering; Threat Intelligence; Software Security.

Admission Requirements: A minimum of an Honours Degree in Computing or in a cognate discipline.

IELTS: Minimum 6.0 overall score required with no section lower than 5.5.

Programme Webpage: http://www.cit.ie/programme/CRKINFS9

Application: Apply online via the programme webpage.

I43	MSc in Applied Cyber Security	TUD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: The Masters in Applied Cyber Security is designed to produce highly knowledgeable and skilled graduates to counter the cyber security threat. This course focuses on developing hands-on skills backed by theoretical knowledge. An essential part of the master's degree is the creation of a body of work presented as a thesis which demonstrates ability in research methods, analytics and report writing. The graduates of this programme will be independent learners, good problem solvers and experienced researchers.

Indicative Content: Core – Digital Forensics; Secure Communication and Cryptography; Network Security; Research Skills and Ethics; Research Project. Options – Biometrics; Secure Programming; Application Security; Business Continuity and Cloud Security; Cyber Crime Malware; Security Intelligence.

Admission Requirements: Second Class Honours grade 2 (2.2) in a Bachelor of Science in Computing.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3cB70PX

Application: Apply online via the programme webpage.

I44	MSc in Software Design with Cybersecurity	AIT

Study Location: Athlone Institute of Technology

Programme Duration: 1 year

Programme Outline: This MSc in Software Design with Cybersecurity will provide students with both theoretical and practical skills to understand and respond to computer security threats in the modern enterprise. It will arm them with a broad range of competencies to successfully engage in many different security career roles in the enterprise. Students will be given a comprehensive insight of the role and practice of security in the enterprise that will enable them to holistically understand the security context and to relate the security processes and lifecycle to the business activities of the organisation and to hence identify and prioritize security activities.

Indicative Content: Object Oriented Programming; Research Methods & Professional Practice; Network Security; Security in the Enterprise; Computer and Cloud Security; Applied Cryptography; Engineering Team Project.

Admission Requirements: A minimum upper Second-class (2.1) honours degree in software design.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: https://www.ait.ie/courses/msc-in-software-design-with-cybersecurity

Application: Application forms can be downloaded at: www.ait.ie/international/non-eustudents
For enquiries, contact Mary Simpson, AIT International Office - international@ait.ie or +353 90 642 4562.

I45	MSc in Industrial Networks and Cybersecurity	ITC

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: This Master of Science in Industrial Networks & Cybersecurity is designed to meet the needs of companies in traditional manufacturing, smart manufacturing companies and those engaged in Industry 4.0. The aim of the programme is to widen and enhance the existing skills of learners who typically have existing Operations Technology (OT) skills, and supplement these with a strong, skills-based, knowledge of industrial networking and cybersecurity. Graduates will acquire skills to bridge the gap between the manufacturing operations and the business and will gain a range of skills, techniques and approaches to equip them to best develop and protect the network and the processes in the manufacturing zone.

Indicative Content: Industrial Control Systems; Advanced Industrial Automation; Programming; Industrial Networks; Cybersecurity; Research Methods for Engineering; Dissertation; Work-Based Project & Professional Development.

Admission Requirements: A minimum of 2.1 honours in a degree such as Aerospace/Aeronautical/Aircraft Engineering or equivalent programme.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3if5aI8

Application: Apply online at https://www.itcarlow.ie/international.htm.

J

Business, Economics, Project Management, Strategic Management, Leadership and related

| J1 | MSc in International Accounting & Finance | DBS |

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: The programme is designed to equip you with a high standard of knowledge in the principles, theoretical concepts and practice of accounting and finance. The structure of the MSc in International Accounting and Finance focuses on accounting and finance from a global perspective. International aspects of accounting and finance are at the core of the programme.

Indicative Content: <u>Core</u> – Corporate Financial Management; International Financial Reporting; Quantitative Applications for Finance; Personal and Professional Development; Research Methods; Advanced International Financial Reporting; Strategic Performance Management; Treasury Risk Management; Dissertation. <u>Options</u> – Corporate Governance and Global Accounting Issues; Operation and Governance of Financial Markets.

Admission Requirements: A minimum Second-Class Honours (2:2) in a business degree from a recognised third level institution with accounting and/or Finance as a main component, or a primary undergraduate Honours degree with a minimum Second-Class Second Division classification (2.2) from a recognised third level institution in a non-cognate area but holds 3-5 years professional experience in a related field.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2vtpmNw

Application: Apply online via the programme webpage.

| J2 | MSc in Accounting and Finance Management | GCD |

Study Location: Griffith College Dublin

Programme Duration: 1 year

Programme Outline: This programme is aimed at Accounting and Finance graduates, with or without relevant business experience, and provides a flexible route to an internationally recognised qualification. Students will advance their functional management competencies in finance and accounting, and will develop and refine transferable interpersonal and leadership skills which they can bring to the workplace. Students will also gain the experience of working in culturally diverse teams across a multicultural environment promoting a greater understanding of different business settings and contexts.

Indicative Content: <u>Core</u> – Strategic Performance Management**;** International Financial Reporting and Analysis**;** Advanced Audit and Assurance**;** Law and Corporate Governance**;** Strategic Financial Management**;** Research Methods**;** Business Consultancy and Analysis; Dissertation. <u>Options</u> – Taxation (IRL)**;** International Tax Law**;** Digital Business**;** Portfolio Management**;** Managerial Economics**;** Regional Analysis**;** Leadership and Management Development**.**

Admission Requirements: Applicants normally must hold an approved Honours degree in the field of accounting and finance or equivalent qualification from an approved tertiary / professional institution.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3gIMrCj

Application: Apply online via the programme webpage.

J3	Master of Business	AIT

Study Location: Athlone Institute of Technology

Programme Duration: 1 year

Programme Outline: This master's is designed for students who have graduated from a broad spectrum of business and related degree programmes who wish to upgrade and enhance their knowledge and skills to avail of global business opportunities. Central to the programme design is engagement with external businesses and organisations. You will have the opportunity to learn specialized professional skills in a variety of business programmes.

Indicative Content: International Corporate Strategy; Services Marketing Management; New Venture Creation and Growth; Business Model Development; Information Systems for Managers; Innovation & Creativity; Personal and Professional Development; Research Methods (MBS); Research Project.

Admission Requirements: Students are expected to have a minimum of a bachelor's degree in business or a cognate discipline at 2.2 level or an approved equivalent qualification.

IELTS: A minimum 6.5 overall score or higher required.

Programme Webpage: ait.ie/programmes/master-of-business

Application: Application forms can be downloaded at: www.ait.ie/international/non-eustudents
For enquiries, contact Mary Simpson, AIT International Office - international@ait.ie or +353 90 642 4562.

J4	Master of Business	ITC

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: This postgraduate programme brings theory to life through its exciting work placement element and applied learning focus, enabling participants to apply acquired knowledge and competencies in a real-world workplace environment. The programme equips graduates with the attributes required by business to make an immediate contribution to the organisation through its work placement experience element. The industrial placement is of four months duration, from May to August, and affords the student a unique opportunity to implement and reflect on the theories learned on the programme. It will complement the student's education and broaden his/her skill set. A number of progressive local enterprises partner with us in this initiative.

Indicative Content: Leadership & Strategy; Corporate Governance, Ethics & Social Responsibility; Research Methods; Financial Analysis & Investment Appraisal; Dissertation; Strategic Marketing Management; Strategic Human Resource Management; Entrepreneurship & Innovation Management; Communications for Professional Life; Work Placement

Admission Requirements: Graduates of programmes in engineering, science, design and other disciplines are required to have completed the Higher Diploma in Business in Management or equivalent to be eligible for admission to the Master of Business programme.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2AAqhBg

Application: Apply online at https://www.itcarlow.ie/international.htm.

J5	MA in Global Business Practice	MTU

Study Location: Munster Technological University (Bishopstown Campus)

Programme Duration: 1 year

Programme Outline: The programme is aimed at those with existing business degrees and develops knowledge & Insight relating to areas that are of particular importance for businesses operating globally. This can include small, medium and large companies who may be involved in the movement and development of goods, service or labour across multiple territories. Skills and knowledge developed relate to operations management, supply chain and logistics, procurement as well as broader themes like strategy and innovation which also underpin success in global business.

Indicative Content: Global Competitive Strategies; Operations Strategy; Business Relationship Management; International Business Negotiation; Financial Interpretation; Innovation Practice; Purchasing and Logistics; International Study Trip; Business Simulation; Trade Regulation & Policy; Seminar Series; Placement.

Admission Requirements: A minimum 2:2 (or equivalent) in an Honours Degree in a business area.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: http://www.cit.ie/programme/CRBGLBP9

Application: Apply online via the programme webpage.

J6	MSc in International Business	TUD

Study Location: Technological University Dublin (Aungier Street Campus)

Programme Duration: 1 year

Programme Outline: Internationally Ireland and Irish business is renowned for having a global outlook, illustrated by the country's success at attracting MNC's, and the accomplishments of indigenous champions. This programme will capitalise on this well-deserved reputation to attract an international diverse mix of business graduates, which is just part of the key philosophy of the programme- 'Everything global'.

Indicative Content: International Strategic Management; International Organisational Behaviour and HRM; International Marketing; International Operations Management and Information Systems; International Regulatory Environment; International Finance and Economics; International Study Visit; Dissertation.

Admission Requirements: Applicants with an Honours Bachelor Degree in Business (2.1 or higher) or equivalent will be considered first. Any places that may then be remaining will be allotted to suitable applicants with an Honours Degree in Business, overall 2.2 grade

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2WotXhf

Application: Apply online via the programme webpage

J7	MSc in International Business	MTU

Study Location: Munster Technological University (Bishopstown Campus)

Programme Duration: 1 year

Programme Outline: This programme is geared at providing non-business graduates with the skills required to develop and promote products and services in an international environment. Students build upon their own discipline (science, engineering, computing etc) to develop solid understanding of Business Development, Internationalisation and Innovation in an interesting educational environment. Students will expand their business knowledge and skills through simulation, guest speakers and an international trip. Students will also undertake an industry consultancy project which will prepare them for opportunities in the workplace. The programme is an excellent opportunity for students who want to complement their degree with business skills.

Indicative Content: Core – Global Marketing Management; Financial Management & Systems for International Business; Innovation; Strategic Thinking; International Business Development; Sustainable Marketing Practice; Seminar Series; International Business Study Trip; Economics of Global Markets; Business Environment Simulation; Applied Business Project. Options – People Management Strategies for International Business; Customer Experience Design; Technology Management in Global Business; Digital Environment.

Admission Requirements: A minimum 2:2 Honours Degree in a non-cognate area. All areas where the specialism is **not** business, Marketing, Accounting/Finance or Business Information Systems will be considered.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: http://www.cit.ie/programme/CRBIBUS9

Application: Apply online via the programme webpage.

J8	MSc in International Business	NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: 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.

Indicative Content: <u>Core</u> – Corporate Social Responsibility and Business Ethics; Marketing in the Global Environment; MNEs and the Global Business Environment; Research Methods; Contemporary Issues in Global Finance; Dissertation; Economics for Management; Strategic ICT & eBusiness Implementation; Strategy for Decision Making. <u>Options</u> – Commercial Law; Employment Law; Marketing Management; Services Marketing; Strategic Management of Human Capital; Doing Business on the Cloud; Global Value Chain Management; Management of Innovation & Technology; Strategic Project Management.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 Honours degree. Students will be required to have their own laptop that meets minimum specifications outlined on the course webpage.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3gGGDHQ

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

J9	MSc in Management (Business)	DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: The MSc in Management (Business) is designed for people who do not have an undergraduate degree in management or business, but who would like to have a thorough preparation for a career in management. You'll be introduced to the core disciplines of business such as accounting, economics, HRM and marketing, while developing the range of skills necessary to operate successfully in a business environment. These include analytical, technical, team-working, presentation, report writing and communication skills.

Indicative Content: <u>Core</u> – Accounting for Business Decision Making; Economics; Finance; Consulting Skills; People Management & Development; Marketing; Data Analytics & Visualisation; Next Generation Management; Business Process Innovation; Technology Management; Business Strategy. <u>Options</u> – Practicum-Applied Research; Dissertation.

Admission Requirements: A second class Honour's grade 1 degree in a discipline other than Business, or an equivalent international qualification. If you have achieved a Second-class Honours grade 2 degree in a non-Business discipline, you may still obtain a place. This will depend on the availability of places. You may be invited for interview.

IELTS: Minimum 6.5 overall score required, with a minimum score of 6.5 in writing and speaking, and a minimum 6.0 in listening and reading.

Programme Webpage: [shortened as] https://bit.ly/2LyQWT9

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC510**

J10   MA in Business Management   UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: This programme covers the fundamental business disciplines: accounting, business communications, economics, human resource management, information management, knowledge management, management principles, marketing management, organisational behaviour and strategic management.

Indicative Content: Economics for Business; Management Principles; Information Management; Organisational Behaviour; Marketing Management; Financial Management and Decision Making; Knowledge Management; Business Communication; Human Resource Management; Strategic Management; Business Simulation; MA Confirmation Paper.

Admission Requirements: Minimum of a 2:2 Honours primary degree in any field *other than Business or Commerce related fields*, or equivalent.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/30vkDJT

Application: Apply online via the programme webpage

J11   Master of Business Administration   DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: This Master of Business Administration educates and prepares a diverse group of learners with the academic knowledge, analytical ability and innovation management perspectives and skills needed to manage organisations in an increasingly competitive and diverse global marketplace. This unique programme allows you to study the pure MBA, or choose a specialist route for your MBA award within the following programmes: HRM; Project Management; Finance; Information Systems; Cloud Computing or Marketing. This ensures students are afforded the widest choice of specialisms from which to choose. A practitioner focus is part of this programme, and industry-led workshops and guest lecturers keep information current and applied.

Indicative Content: Core – Global Issues for Management; Strategic Marketing Analysis; Managerial Financial Analysis; Research Methods; Applied Strategic Management; Dynamic Leadership Development; Dissertation. Options – Marketing Innovations; Strategies for Human Resource Management; Strategic Information Systems; Project Management Frameworks; Corporate Financial Management; Cloud Technologies for Business; Integrated Marketing Communications; Reinventing Performance Management; Innovation and Disruptive Technologies; Project Management Practices; Global Financial Markets; Cloud Application Management.

Admission Requirements: A primary undergraduate Honours bachelor's degree with a minimum Second Class Second Division classification (2.2) from a recognised third level institution in any discipline from a recognised third level institution (or equivalent). GMAT examination is a mandatory requirement for all applicants who do not hold an Honours bachelor's degree with a minimum of second class second division classification. Applicants who do not have a qualification at a 2.2 award level and who have at least 3 years' work experience may also be considered.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/38DcN4z

Application: Apply online via the programme webpage.

J12   MA in Service Design   NCAD

Study Location: National College of Art and Design

Programme Duration: 1 year

Programme Outline: Service Design is increasingly recognised as a vital skillset to help address the challenges of the new experience economy, and the programme seeks to meet the new demands of industry and wider society. Projects, activities, and workshops will expand on methods and principles from human-centred design and design thinking, applying these to the development and delivery of new consumer and public services, transforming user experiences.

Indicative Content: Service Design Fundamentals; Collaborative Design Studio; Research Methods for Creative Practice; Service Design Studio; Design for Change; Author & Audience; Design Studio, Major Project Proposal; Design Studio, Major Project; Design Rationale; Design Presentation.

Admission Requirements: The programme is open to graduates with an Honours degree award of 2.2 or higher, or an equivalent academic or professional qualification in a related discipline. NCAD also takes into consideration prior learning and experience.

IELTS: Minimum 6.5 overall score required with a minimum 6.0 in writing.

Programme Webpage: [shortened as] https://bit.ly/3iAXiOW

Application: Apply online at https://www.ncad.ie/study-at-ncad/postgraduate-application/apply-for-a-taught-masters-programme/

J13   MSc in Economics   MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The MSc Economics is a stimulating and challenging programme that provides international quality training in Economics and Econometrics. Through a combination of theoretical principles and empirical tools, the programme emphasises 'problem solving' and equips successful graduates with economic, quantitative and communication skills that are highly sought by employers in the public and private sectors.

Indicative Content: Microeconomics; Macroeconomics; Fundamentals of Econometrics; Econometrics; Industrial Organisation; Labour Economics; Financial Economics; Thesis.

Admission Requirements: (i) A minimum 2.1 Honours degree in Economics, or a degree in which Economics formed a substantial component, or (ii) a minimum 2.1 Honours degree in which there was a substantial

quantitative component, such as Mathematics, Engineering, Computer Science, Mathematical Physics or Statistics. Applicants with a high 2.2 in an undergraduate Economics degree, but with 2.1 standard in key modules, may also be eligible and will be considered on a case-by-case basis by the Admissions Director.

IELTS: Minimum 6.5 overall score required, with a minimum score of 6.0 in reading and writing.

Programme Webpage: [shortened as] https://bit.ly/2M8FrkA

Application: Apply online at https://v2.pac.ie/institute/ - using the **PAC Code: MHH52**

J14	MSc in Applied Economics	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme provides high quality quantitative training in economics with a focus on advanced research methods and a supervised research thesis. The programme is ideal preparation for a career as a professional economist in jobs requiring the application of analytical methods to economic problems. In addition to studying core modules in microeconomics, macroeconomics and econometrics, students have the option of completing a two-term specialisation in either Statistics or one of Behavioural Economics, Law and Economics of Competition, Environmental and Energy Economics or Development Economics. In the summer term, students do either a supervised research thesis or an internship.

Indicative Content: Core – Advanced Macroeconomics; Advanced Microeconomics; Micro econometrics; Econometrics; Research & Career Skills; Macroeconomics; Preliminary Maths & Stats; Thesis. Options – Advanced Econometrics: Microeconomics; International Trade; Health and Welfare Economics; Research and Professional Development; Behavioural Economics; Economics of Competition Policy; Development Economics; Decision Theory; Environmental Economics; Advanced Issues in European Competition Law; Categorical Data Analysis; Bayesian Analysis; Data Programming with R.

Admission Requirements: A primary degree with at least an upper Second-class Honours or international equivalent in Economics or in a degree in which Economics is a major component.

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpages: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W369

Application: Apply online via the programme webpage.

J15	MSc in Behavioural Economics	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This programme is devoted to providing in-depth training in the area of behavioural economics. Students will take a range of rigorous economic modules but will also receive training in key concepts in psychology and specialise in learning a range of new models that incorporate the latest evidence on human decision making. As well as being trained in the core concepts and theories of behavioural economics, students

will also learn about a range of empirical methods and have the opportunity to run their own field and lab experiment.

Indicative Content: <u>Core</u> – Thesis and Internship Preparation; Econometrics; Microeconomics; Behavioural Economics; Behavioural Economics: Policy Applications; Experiments in Economics; Preliminary Maths & Stats; Topics in Psychological Science. Research & Career Skills. <u>Options</u> – Thesis; Advanced Econometrics; Advanced Macroeconomics; Advanced Microeconomics; International Trade; Health and Welfare Economics; Energy Economics and Policy; Economics of Competition Policy; Development Economics; Aviation Economics; Decision Theory.

Admission Requirements: A primary degree with at least an upper Second-class Honours or international equivalent in Economics or in a degree in which Economics is a major component.

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpages: [shortened as] https://bit.ly/2S8Kl6s

Application: Apply online via the programme webpage.

| J16 | MSc in Business Economics | UCC |

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: This programme equips you with the key skills for career development in the ever-changing business world. This is a research-orientated programme, which is both theoretically grounded and evidence-based. The focus is on analysing, understanding and explaining business performance in a competitive environment. Through the focused taught programmes and conducting your own research, you learn how to explain and apply core theories, empirical methods and a range of analytical tools that are relevant and transferable to a range of fundamental business issues.

Indicative Content: Economics of Business Strategy; Analysing General Business Conditions; Financial Economics and Business Strategy; Scenario Planning for Strategic Decision-Making; Research Methods for Business Economics; Business Survey Methods; Research Methods for Business Economics; Business Relationships and Business Strategy; Business Economics Report; Macroeconomic Data Analysis for Strategic Decision-Making.

Admission Requirements: Applicants must have a minimum 2.2 Honours grade in a primary degree (or equivalent).

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpages: www.ucc.ie/en/ckl06

Application: Apply online at https://www.ucc.ie/en/apply/

J17   MSc in Quantitative Economics   UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: This one-year programme provides high quality quantitative training in economics, a focus on advanced research methods and a supervised research thesis. Students get a rigorous grounding in using mathematical and statistical methods to derive, test and apply formal economic models.   In addition to core modules in microeconomics, macroeconomics and econometrics, students have the option of completing a two-term specialisation in either Statistics or one of Behavioural Economics, Law and Economics of Competition, Environmental and Energy Economics or Development Economics.

Indicative Content: Core – Thesis; Advanced Macroeconomics; Topics in Advanced Microeconomics; Econometrics; Microeconomics; Advanced Econometrics; Thesis and Internship Preparation; Macroeconomics; Preliminary Maths & Stats. Options – Applied Policy Analysis Modelling; International Trade; Health and Welfare Economics; Research and Professional Development; Energy Economics and Policy; Behavioural Economics; Economics of Competition Policy; Development Economics; Aviation Economics; Decision Theory; Environmental Economics & Climate Policy; Advanced Issues in European Competition Law; Categorical Data Analysis; Bayesian Analysis; Data Programming with R.

Admission Requirements: A primary degree with at least an upper Second-class Honours or international equivalent in Economics or in a degree in which Economics is a major component.

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpages: [shortened as] https://bit.ly/2BCzYjj

Application: Apply online from the programme webpage.

J18   MSc in Economic and Financial Risk Analysis   MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: The MSc Economic and Financial Risk Analysis was launched in response to the changing economic and financial environment. It provides students with international quality training in the fundamental concepts and tools required by the financial sector. The programme emphasises 'problem solving' through a combination of theoretical principles and empirical tools. Successful graduates are equipped with a wide range of economic, financial, quantitative and communication skills, thus opening up a diverse set of career opportunities, both within and outside the financial sector.

Indicative Content: Core – Microeconomics; Macroeconomics; Fundamental of Econometrics; Econometrics; Financial Economics; Advanced Derivatives; Financial Risk Analysis; Empirical Finance. Options – Thesis; Work Placement.

Admission Requirements: (i) A minimum 2.1 Honours degree in Finance or Economics, or a degree in which Finance or Economics formed a substantial component, or (ii) a minimum 2.1 Honours degree in which there was a substantial quantitative component, such as Mathematics, Engineering, Computer Science, Mathematical Physics or Statistics. Applicants with a high 2.2 in an undergraduate Economics or Finance degree, but with 2.1

standard in key modules, may also be eligible and will be considered on a case-by-case basis by the Admissions Director.

IELTS: Minimum 6.5 overall score required, with a minimum score of 6.0 in reading and writing.

Programme Webpage: [shortened as] https://bit.ly/29LvB1T

Application: Apply online at https://v2.pac.ie/institute/ - using the **PAC Code: MHH64**

J19	MSc in Economics and Policy Analysis	UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: The MSc in Economics and Policy Analysis at UL is specifically designed to equip students with the practical skills required for a career in economics. The programme has a strong applied public policy focus which will prepare graduates for positions that require the application of economic knowledge and practical skills. The programme also incorporates an international field trip element. Previous trips have included visits to the OECD, the European Investment Bank, the European Stability Mechanism and the European Commission.

Indicative Content: Microeconomics Theory; Macroeconomic Theory; Evolution of Economic Theory; Applied Data for Economics; Preliminary Mathematics & Statistics for Economics; Global Finance & Capital Markets; Econometrics; Public Finance & Regulation; Industrial Policy: Theory, Practice & Evaluation; Labour & Education Economics; International Business Workshop; Dissertation; Professional Development.

Admission Requirements: A minimum 2:2 Honours primary degree in economics or a programme where economics is a major component (for example, business/commerce). An interview may form part of the application process.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme webpage: [shortened as] https://bit.ly/3fKYLQS

Application: Apply online via the programme webpage.

J20	MSc in Entrepreneurship	NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: 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.

Indicative Content: <u>Core</u> – Commercial Law; Enterprise Management; Marketing Management; Research Methods; Strategy for Decision Making; Enterprise Simulation Game; Management of Innovation & Technology; Managing the Organisation. <u>Options</u> – Contemporary Issues in Global Finance; Corporate Social Responsibility and Business Ethics; Doing Business on the Cloud; Employment Law; Global Value Chain Management; International Business; International Field Trip; Services Marketing; Strategic ICT & eBusiness Implementation; Strategic Management of Human Capital; Strategic Project Management.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or non-cognate area. Students will be required to have their own laptop that meets minimum specifications outlined on the course webpage.

IELTS: A minimum of 6.5 overall score is required.

Programme Webpage: [shortened as] https://bit.ly/3vuWDDU

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

J21	MBS in Entrepreneurship & Marketing	DKIT

Study Location: Dundalk Institute of Technology

Programme Duration: 1 year

Programme Outline: The aim of the MBS in Entrepreneurship and Marketing is to produce independent minded, self-reliant graduates with the theory, practice and research capability for employment as managers in both specialist and non-specialist roles across a broad range of industry sectors, with a specific specialism in the areas of Entrepreneurship and Marketing.

Indicative Content: Business Strategy; Entrepreneurship & Economic Development; Entrepreneurship Theory & Practice; Strategic Brand Management; New Venture Finance; Research Methods; Research Project; Change Management; Systematic Innovation & Intrapreneurship; New Product Development for Global Markets; Applied SME Strategic Business Management; Strategic Digital Marketing.

Admission Requirements: A minimum requirement of a Second-class degree (2.2) or higher, in business, marketing, entrepreneurship, accounting or related discipline.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2Tv3Rud

Application: Apply online via the programme webpage.

J22   MSc in Finance   DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: This one-year Masters programme is designed to produce the kind of professionals in greatest demand in the financial industry. It does so by fostering analytical and decision-making skills and helping you build a set of rigorous competences in financial subjects. You will be exposed to first-class specialist education in financial subjects, develop your quantitative skills, and learn the latest econometrics and data analysis techniques.

Indicative Content: Core – Introductory Econometrics; Financial Statement Analysis and Ethics; Asset Pricing; Financial Markets and Derivatives; Corporate Finance; Portfolio Theory. Options – Financial Risk Management; Financial Econometrics; International Finance; Strategic Finance; Dissertation in Capital Markets; Dissertation in Financial Management.

Admission Requirements: A minimum second class (upper) Honour's degree (or international equivalent) in a Business-related discipline. A 2.1 Honours degree in a relevant non-business discipline e.g., Engineering, Physics, Maths, or Computer Science will also be considered.

IELTS: Minimum 6.5 overall score required, with a minimum score of 6.5 in writing and speaking, and a minimum 6.0 in listening and reading.

Programme Webpage: [shortened as] https://bit.ly/2NdszaH

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC511**

J23   MSc in Finance   NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: 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. The MSc in Finance 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.

Indicative Content: Core – Asset Valuation'; Economics; Financial Statement Analysis; Quantitative Methods in Finance; Applied Security Analysis; Corporate Finance; Derivatives and Risk Management; Portfolio Management; Quantitative Analysis for Finance; Capstone Seminar Series; Dissertation; Ethics and Governance; Financial Regulation. Options – Financial and Quantitative Modelling; Strategic Management and the Global Environment.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 Honours degree in finance or a cognate field of study.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: [shortened as] https://bit.ly/2U36kwu

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

J24	MSc in Finance	TCD

Study Location: Trinity College Dublin

Programme Duration: 1 year

Programme Outline: This programme is designed to help students develop the skills they need to excel in their chosen career within finance. Highly interactive lessons will provoke discussion and provide opportunities to develop presentation skills, deal with real-life case studies and work in group assignments.

Indicative Content: Core – International Financial Statement Analysis; Corporate Finance; Derivatives; Econometrics; Financial Econometrics; Credit and Fixed Income Instruments; Investment Theory; Advanced International Financial Statement Analysis; Portfolio and Wealth Management; Dissertation. Sample Options – Financial Markets & Institutions; Trading Psychology & Behavioural Analysis; Panel & Cross-Sectional Data Analysis; Enterprise Risk Management; Business Ethics; Treasury Management; Finance, Policy & Politics.

Admission Requirements: A first or upper second-class Honour's degree, or equivalent.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: https://www.tcd.ie/business/msc/finance/

Application: Apply online via the programme webpage.

J25	MSc in Finance (Banking and Risk Management)	UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: This programme involves advanced study of the practices of investment, banking and risk management. The programme also involves an applied research project, using cutting-edge techniques and software. The programme is at the top end of graduate study in business/finance in Ireland and is designed for high achievers who wish to pursue high-end careers in financial market.

Indicative Content: Fund Management and Evaluation; Analysis of Debt Instruments; Asset Pricing; Securities Valuation and Selection; International Finance; Treasury Risk Management; Financial Institutions and Money Markets; Derivative Securities; Macroeconomics for Financial Markets; Regulation and Compliance in Capital Markets; Applied Econometrics; Applied Time Series Analysis; Research Methods; Applied Research Project.

Admission Requirements: Upper Second-class Honours degree (2:1 grade) or higher in a business subject, or in a related subject with a quantitative element such as mathematics, statistics, engineering, science, etc.

IELTS: Minimum 6.5 overall score required with no section less than 5.5.

Programme Webpage: https://www.ucc.ie/en/ckl19/

Application: Apply online at https://www.ucc.ie/en/apply

J26	MSc in Financial Analytics	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: The Master of Science (MSc) in Financial Analysis has been designed to meet the growing need for financial professionals with the practical skills required for a rapidly evolving data driven financial function. Upon completion of this programme, graduates will understand the core principles of finance, be equipped to utilise data analytics, machine learning, and visualisation tools, apply the appropriate financial analytic models, and acquire enhanced understanding of business decision making in an ethical and cyber context. The overall aim of the programme is to produce graduates with strong proficiencies in the application of financial analytics in a contemporary and evolving data driven environment, while also enhancing practical and technical skills.

Indicative Content: Principles of Financial Decision Making; Data Analytics & Machin Learning for Finance; Predictive Financial Modelling; Applied Financial Modelling; Applied Financial Analytics; Financial Intelligence & Data Visualisation; Information & Cybersecurity Management; Financial Risk Management; Behavioural Economics & Finance; Applied Research Methods; Applied Research Project.

Admission Requirements: A minimum Second-class (2.2) degree classification from a recognised third level institution. Cognate subjects include business, accountancy, computing, information systems, engineering, general science, mathematics, statistics, data analytics or related discipline.

IELTS: Grade 6.0 minimum overall score required.

Programme Webpage: [shortened as] https://bit.ly/3iEYAej

Application: Apply online via the programme webpage.

J27	MSc in Financial Mathematics	DCU

Study Location: Dublin City University

Programme Duration: 1 year

Programme Outline: This MSc in Financial Mathematics is about high-level mathematics applied to practical problems in finance and industry. The course combines the principles of maths, finance, and computing to prepare graduates for a career in the Financial Services Industry. During this programme, graduates will develop an in-depth knowledge of financial and industrial modelling, the fundamentals of financial risk management and the techniques of stochastic analysis.

Indicative Content: <u>Core</u> – Fixed Home Securities; Stochastic Finance; Financial & Actuarial Data Analysis; Probability and Finance; Simulation for Finance; Deep Learning. <u>Options</u> – Project; Optimisation; Work Placement; Time Series Advanced.

Admission Requirements: A primary Honour's degree in any quantitative discipline, such as Mathematics, Statistics, Computer Science; Physics; Engineering and Economics.

IELTS: Overall score 6.5 or above and 6.5 in writing and speaking. Other sections scores 6.0 or above.

Programme Webpage: [shortened as] https://bit.ly/3giejym

Application: Apply online at [shortened as] https://bit.ly/3nSrVlX - using the **PAC Code: DC704**

J28	MSc in Human Resource Management	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: The Master of Science in Human Resource Management is designed to prepare learners for a career in Human Resource Management in private and public sector. Given the increasing role of technological advancements in society and workplace, human resource management is emerging as a multidisciplinary field with a breadth and depth of content that encompasses various areas of expertise such as: employment law, diversity and inclusion, people analytics and organisational behaviour that play a central role in shaping the strategy and leading digital transformation within organisations. The mission of this programme is to expose learners to human resource trends, and position them with the knowledge and soft skills to navigate and plan their careers including commercial drive, inclusive leadership, and ethical values.

Indicative Content: Equality, Diversity and Inclusion; Human Capital Management and Organisational Behaviour; Employment Law; HR Analytics; Reinventing Performance Management; Dynamic Leadership Development; Applied Strategic Management; Contemporary Issues in Human Resource Management; Research Methods; Dissertation / Applied Project.

Admission Requirements: A minimum Second-class (2.2) honours bachelor's degree or Higher Diploma in a cognate area. Cognate subjects include HR, marketing, management, or another related business discipline.

IELTS: Grade 6.0 minimum overall score required.

Programme Webpage: [shortened as] https://bit.ly/3cHv8R1

Application: Apply online via the programme webpage.

J29	MA in Human Resource Management	MTU

Study Location: Munster Technological University (Bishopstown Campus)

Programme Duration: 1 year

Programme Outline: The programme is designed to expose students to current issues in the Human Resource Management domain at a strategic level. This Masters programme has been designed in consultation with

industry to respond to changes that have taken place in the HR area. It is aimed at professionals in the Human Resource discipline who wish to further their career and enhance their skillset.

Indicative Content: International Corporate Strategy; Professional Employment Law; HRM in Context; Coaching and Mentoring; Applied Corporate Strategy; Employee Engagement; Leading, Managing & Developing; Training Talent & Knowledge Management; Research Methods; Reward & Incentive Management; Sourcing & Testing; Dissertation.

Admission Requirements: Bachelor of Arts (Honours) in Human Resource Management at grade H2:2 or higher. Graduates of cognate Honours programmes who have attained HR experience may also be eligible.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: http://www.cit.ie/programme/CRBHRMN9

Application: Apply online via the programme webpage.

J30	MA in Human Resource Management	NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: 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. 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.

Indicative 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.

IELTS: Grade 6.5 minimum overall score required.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 Honours degree. Students will be required to have their own laptop that meets minimum specifications outlined on the course webpage.

Programme Webpage: [shortened as] https://bit.ly/3wn1Te1

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

J31   MSc in Information Systems for Business Performance   UCC

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: This programme aims at providing students with a coherent set of skills essential in building, managing, and leveraging an effective and efficient Information Systems (IS) capability for the modern organisation. This means providing students with a clear understanding of how to manage information systems and leverage the potential of the latest Information Technologies (IT) to create value for the firm; reducing costs, solving organisational problems or providing better products and services to customers.

Indicative Content: Business Analysis Requirements, Skills and Techniques; IT Sourcing and Project; Database Analysis and Design; Storage Technology; Electronic Business Models & Systems; IS for Organisational Performance; Leveraging IT Seminar Series; Application Design; IT Governance and Compliance; Databases for Management Information Systems; Optimising the Business Value of IT; Business Models for Disruptive Technology; Enterprise Business Intelligence; Professional Practice Skills; Collaborative Industry Research Project.

Admission Requirements: A Second-class Honours Grade II in a primary Honours degree or equivalent, except graduates holding a degree in business information systems or equivalent.

IELTS: Minimum 6.5 overall score required with no section lower than 5.5.

Programme Webpage: www.ucc.ie/en/ckl18

Application: Apply online at [shortened as] https://www.ucc.ie/en/apply

J32   MSc in Management   NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: Development of effective managerial skills, which include analytical problem solving, decision-making, effective communication and leadership, are encouraged throughout the programme. 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 their organisation.

Indicative Content: Core – Financial Management; Marketing Management; Research Methods; Dissertation; Economics for Management; International Business; Strategy for Decision Making. Options – Commercial Law; Contemporary Issues in Global Finance; Corporate Social Responsibility and Business Ethics; Entrepreneurship; Services Marketing; Strategic Management of Human Capital; Doing Business on the Cloud; Employment Law; Global Value Chain Management; Management of Innovation & Technology; Strategic ICT & eBusiness Implementation; Strategic Project Management.

IELTS: Grade 6.5 minimum overall score required.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 Honours degree. Students will be required to have their own laptop that meets minimum specifications outlined on the course webpage.

Programme Webpage: [shortened as] https://bit.ly/3gDqDq7

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

J33	MSc in Management Practice	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: The MSc in Management Practice is a new specialised and innovative programme which has been created to meet the needs of graduates who seek to develop and expand their knowledge of the exciting field of Management at an advanced level. The broad objective of the MSc in Management Practice programme is to produce managers. The applied nature of the programme delivery ensures graduates are equipped to play a vital role in the management of any organisation. They will be equipped to interpret and synthesise information to confidently resolve complex issues which face today's organisations. Graduates will gain a deep level of knowledge and understanding of current issues within Management and then will apply this knowledge to real work situations to gain experience of practical applications.

Indicative Content: Marketing Analysis; Strategic Management and Leadership; Financial Analysis; Innovation and Change Management; Information Systems and Project Management; Human Capital Management and Development; Research Methods; Dissertation.

Admission Requirements: A minimum Second-Class (2.2) degree in any discipline.

IELTS: Grade 6.0 minimum overall score required.

Programme Webpage: [shortened as] https://bit.ly/3vnWC4A

Application: Apply online via the programme webpage.

J34	MSc in Marketing	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: The MSc in Marketing aims to enhance the prospects of its graduates in the job markets and enable them to obtain entry into a variety of roles ranging from junior executive to senior marketing positions in a range of organisations both nationally and internationally. The programme is academically challenging and strategically relevant in advanced marketing and will equip students with current and emerging theories that inform and comment upon the new practices of marketing within the digital media arena. Purposely created to meet the needs of recently qualified business or marketing graduates, this MSc in Marketing seeks to further enhance students existing knowledge of marketing theories and practice and will equip students with the knowledge and skills necessary at senior level marketing positions.

Indicative Content: Contemporary Consumer Behaviour; Sustainable Marketing Practices; Web Marketing Management & Metrics; Services Marketing Management; Research Methods; Integrated Marketing; Communications; Design Thinking, Innovation and Commercialisation; Applied Strategic Branding; International Marketing; Dissertation / Applied Research Project.

Admission Requirements: A minimum Second-Class (2.2) degree in any discipline.

IELTS: Grade 6.0 minimum overall score required.

Programme Webpage: [shortened as] https://bit.ly/3giQs1w

Application: Apply online via the programme webpage.

J35	MSc in Marketing	NCI

Study Location: National College of Ireland

Programme Duration: 1 year

Programme Outline: 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 offers students real insight and experience into how to plan and execute marketing campaigns and strategies in actual organisations.

Indicative Content: Core – Digital Marketing Strategy; Marketing in the 21st Century; Marketing Metrics and Accountability; The Contemporary Consumer; Brand Management; Innovation and Creativity; Integrated Marketing Communications in Digital Age; Market Research; Services Marketing; Dissertation. Options – Business Research Methods; Strategic Project Management; Strategic Social Media Marketing and Public Relations; Research Methods; Business Research Methods; Management of Innovation & Technology; Marketing Insights and Customer Relationship Management; Postmodern Marketing; Selling to the Modern Customer; Strategic Project Management.

Admission Requirements: A minimum of a 2.2 honours degree in a cognate discipline (i.e., a business-related honour degree). Students will be required to have their own laptop that meets minimum specifications outlined on the course webpage.

IELTS: A minimum 6.5 overall score.

Programme Webpage: [shortened as] https://bit.ly/3pSZGET

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

J36	MSc in Digital Marketing	AIT

Study Location: Athlone Institute of Technology

Programme Duration: 1 year

Programme Outline: This programme is built on a multidisciplinary foundation, with a focus on data analytics, software implementation and marketing using new disruptive technologies and is set against the backdrop of the global nature of business in the 21st Century. The programme covers these key principles through assessing the

impact of digital technology on the business and marketing functions of organisations, integrating social media tools into a marketing communications strategy and effectively using different forms of technology and analytical capacity in the development of an online global presence.

Indicative Content: Core – Digital Marketing Strategy; Social Media and Information and Communications Technology Law; Data Interpretation and Web Analytics; Research Methods; Social Media Marketing and Digital Advertising; Managing Search Marketing; Digital Technology and Design. Options – Digital Consultancy Project; Dissertation.

Admission Requirements: (i) A minimum 2.2 honours bachelor's degree in a Business discipline, or (ii) a minimum 2.2 honours bachelor degree in a non-Business discipline with considerable experience and/or ability.

IELTS: A minimum 6.0 overall score or higher required.

Programme Webpage: https://www.ait.ie/courses/master-of-science-in-digital-marketing

Application: Application forms can be downloaded at: www.ait.ie/international/non-eustudents
For enquiries, contact Mary Simpson, AIT International Office - international@ait.ie or +353 90 642 4562.

J37	MSc in Digital Marketing	DBS

Study Location: Dublin Business School

Programme Duration: 1 year

Programme Outline: This is an innovative programme with an integrated delivery from end-to-end covering a wide range of Digital Marketing topics. The programme aims to develop learners' knowledge of the theory and practice of Digital Marketing necessary for them to secure employment and perform at postgraduate level in the areas of ICT /Digital Marketing in a broad range of commercial, industrial, and public sector environments. Graduates will have an in-depth knowledge of the practical and theoretical aspects of Digital Marketing. The programme enables and supports learners in developing critical analytical skills and developing skills in applying theoretical concepts to the practice of Digital Marketing.

Indicative Content: E-Business; Strategic Digital Marketing; Digital Design and Development; Digital Advertising and Online Marketing Communications; Inbound Marketing; Data and Digital Marketing Analytics; Research Methods; Dissertation or Applied Project.

Admission Requirements: A minimum Second Class Level Honours Degree (2.2) in a cognate discipline.

IELTS: Minimum 6.0 overall score required.

Programme Webpage: [shortened as] https://bit.ly/3ztVBLQ

Application: Apply online via the programme webpage.

J38   MSc in Digital Marketing   ITC

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: The MSc in Digital Marketing is designed to help learners identify the strategic implications of digital era marketing and to create and implement effective digital marketing strategies. Successful completion of the course will help participants grow their career opportunities in this dynamic sector. The MSc combines academic study and industry exposure to deliver a course that has a strong focus on current and emerging research and practice.

Indicative Content: Digital Marketing Landscape and Strategy; Marketing Communications in a Digital Era; Data Analytics and Consumer Insights; Strategic Design; Digital Marketing Technologies; Strategic Marketing Management; Law and the Digital Environment; Digital Marketing Research Project.

Admission Requirements: Candidates should hold a recognised third level Honours Degree (minimum 2nd class Honours) in Marketing or a business discipline, Computer Science or Cognate programmes.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3zho8Ef

Application: Apply online at https://www.itcarlow.ie/international.htm.

J39   MSc in Digital Marketing   LIT

Study Location: Limerick Institute of Technology

Programme Duration: 1 year

Programme Outline: This highly practical, one-year programme is built on a multidisciplinary foundation, with a focus on data analytics, social media management and strategic marketing. The programme uses real-life companies, online delivery, and cutting-edge technology to make the content more relevant and accessible for all types of learners. There are no exams in this programme, only practical project work is used to assess students. Class size is kept low to provide students one-to-one contact with supervisors and lecturers.

Indicative Content: Digital Marketing Strategy; Social Media and Information and Communications Technology Law; Data Interpretation & Web Analytics; Social Media Marketing and Digital Advertising; Managing Search Marketing; Digital Technology & Design; Dissertation; Digital Consultancy Project.

Admission Requirements: A minimum 2.2 honours bachelor's degree in a cognate discipline

IELTS: Minimum overall score of 6.0 required.

Programme Webpage: [shortened as] https://bit.ly/3zpZ3qQ

Application: Apply directly to the International Office by emailing international@lit.ie with an *LIT International Application Form*, which is available for download at https://lit.ie/international-study/how-to-apply.

J40   MSc in Digital Marketing   UCDMS

Study Location: University College Dublin, Michael Smurfit Business School

Programme Duration: 1 year

Programme Outline: This Masters course is aimed at graduates who wish to develop a deep understanding and high level of competence in the application of digital marketing tools and techniques. The combination of strategic, analytical, and practical elements will provide graduates of this course with a distinct advantage in the marketplace.

Indicative Content: Core – Corporate Marketing Strategy; Consumers in a Digital Age; Consumer Insights & Analytics; Omnichannel Marketing Communications; Digital Marketing Project. Options – Advanced SEO and SEA; Social Media Marketing; Digital Technology & Design; Branding in Digital Age; eCRM; Advanced Analytics & Big Data; Digital Business Model & eCommerce.

Admission Requirements: A minimum second-class honours degree (or equivalent) in any discipline.

IELTS: Minimum 7.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2SyODnV

Application: Apply online via the programme webpage.

J41   MSc in Digital Marketing Strategy   MTU

Study Location: Munster Technological University (Bishopstown Campus)

Programme Duration: 1 year

Programme Outline: This programme is aimed at those working in traditional and digital marketing or those aspiring towards a senior position that requires a solid foundation in multiple aspects of Digital Marketing. The programme allows each student to choose the combination of elective modules that suits them while the innovative professional development module offers some learning flexibility in the earlier stages of the programme. Students can choose to study fully online or on campus, but not interchange between the two.

Indicative Content: Digital Marketing Environment; Digital Advertising and Social-media; Strategy for Digital Marketing; Website Optimisation and Analytics; Digital Strategy Development; Digital Advertising & Analytics; The Digital Consumer; Goal-Driven Sites and E-Commerce; Professional Development; Integrated Strategy & Planning; SEOd & Analytics; Digital Brand Development; Lead Generation & Sales; Action Research Methods; Applied Digital Marketing Project.

Admission Requirements: Candidates ideally will have achieved a minimum 2.2 degree in a cognate area (an area related to business, media, or visual communications).

IELTS: Minimum 6.5 overall score required with no section below 6.0.

Programme Webpage: https://bit.ly/3wpy8t1

Application: Apply online via the programme webpage.

J42   MBus in Strategic Management and Marketing   LIT

Study Location: Limerick Institute of Technology

Programme Duration: 1 year

Programme Outline: This programme is structured to maximise students' practice-based learning and involves extensive student participation. To facilitate student activity, the programme employs a PBL philosophy; students are constantly challenged to apply learning and theory to real world situations and to devise appropriate solutions for problems presented to them; learners present project analysis and solutions to participating industry panels. The PBL approach offers a structure of investigation to follow while reminding students of the standards required to produce effective outcomes. The aim of the programme is to prepare students for the demands of management positions in a rapidly changing, knowledge- based economy while offering benefits in terms of research to participating companies.

Indicative Content: Business Research and Intelligence; Marketing Communications Strategy; Financial Analysis for Management Decisions; Business Research Methods; Dissertation; Brand Management Practice; Consumer Behaviour and Relationship Marketing; Strategic Decision Making.

Admission Requirements: A minimum 2.2 honours bachelor's degree in a cognate discipline.

IELTS: Minimum overall score of 6.0 required.

Programme Webpage: [shortened as]: https://bit.ly/3flpdSg

Application: Apply directly to the International Office by emailing international@lit.ie with an *LIT International Application Form*, which is available for download at https://lit.ie/international-study/how-to-apply.

J43   MSc in Digital Innovation   UCDMS

Study Location: University College Dublin, Michael Smurfit Business School

Programme Duration: 1 year

Programme Outline: This full-time master's degree has been designed to enable technologists and future business leaders to manage IT in business and to drive technology-based innovation in a digital society. It addresses technology-centric transformation in business and society. The careful balance of theory and practice within the programme prepares graduates to enter the world of digital innovation and for current professionals to progress further in their career.

Indicative Content: Core – Design, Development and Creativity; Managing Strategy and Innovation; Cultural and Political Perspectives; Outsourcing and Offshoring; Implementing Digital Projects; Knowledge, ICT & Organisation; Thesis–Research Project. Options – Global Information Systems; Bitcoin & Blockchain; Thesis – Full Research Paper; Machine Learning for Business; Encrypted Information Society.

Admission Requirements: A minimum second-class Honour's degree (or equivalent) in any discipline, or a primary degree with a minimum of three years' relevant work experience.

IELTS: Minimum 7.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2zbkclY

Application: Apply online via programme webpage.

J44 MSc in Project Management   UCDMS

Study Location: University College Dublin, Michael Smurfit Business School

Programme Duration: 1 year

Programme Outline: This programme develops students' practical and conceptual knowledge of the activities and techniques required for the management of project and project-based organisations. It delivers cutting edge knowledge facilitated by globally experienced project managers and leading academics. Students will experience the reality of the management of projects in a broad range of organisational and industry contexts and gain the ability to manage the environmental, sustainable, and social aspect of the life cycle of a project's resources, processes, objectives and economic aspects.

Indicative Content: The Project Management Lifecycle; Business Strategy; Projects and Organisational Dynamics; Projects & Organisational Dynamics; Project Scope and Feasibility Evaluation; Procurement and Contract Management; Project Management Tools and Techniques; Project Risk Management; Research Report.

Admission Requirements: A minimum second-class Honour's degree (or equivalent) in in Business / Commerce, Computer Science, Engineering, Social Science, Economics, Science, Physics, Architecture or a related discipline, or a primary degree (or equivalent) with a minimum of three years' relevant business work experience. Admission to this programme is usually highly competitive.

IELTS: Minimum 7.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2JPB6Cf

Application: Apply online via the programme webpage.

J45 MSc in Project Management   UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: This MSc in Project Management aims develop knowledge and understanding of the theories and principles of modern approaches to managing projects. Learners will gain skills in critically analysing and engaging actively in the development and integration of project management as a way of work within organisations. Competencies to manage groups and teams and to interact effectively with project stakeholders will be developed and project management best practice in managing human, physical and financial resources throughout the project lifecycle will be studied. The concepts and theories of corporate and social responsibility will be introduced to provide a framework for planning and evaluating the actions and performance of a project in the context of sustainable and socially responsible activity.

Indicative Content: Knowledge and Information Management in Project Environments; Project Management Science and Principles; Strategy Formulation and Implementation; Project Planning and Control; People and Behaviour in Projects; Decision Analysis and Judgement in Projects; Research in Projects and Organisations;

Commercial Management of Projects; International Project Management; Project Leadership & Governance; Project Management Simulation; Research Project or Confirmation Paper.

Admission Requirements: Minimum of 2:2 Honours primary degree or equivalent in a project management related field, such as engineering, science, business, information technology, public administration, health and education. Candidates may be selected for interview to determine suitability.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme webpage: https://www.ul.ie/gps/programme/project-management-msc

Application: Apply online via the programme webpage.

J46	MSc in Strategic Management	TUD

Study Location: Technological University Dublin (Bolton Street Campus)

Programme Duration: 1 year

Programme Outline: This programme is suited to high-potential applicants who wish to develop their capabilities in the field of strategic management. The programme is open to recent graduates as well as experienced managers. At EU level change is now an ever-present feature in relation to the money markets, banking and economics in general. At a global level, businesses are faced with new competitors and different configurations of technologies generating new products. All this change has to be anticipated and managed by business at a strategic level to survive and indeed thrive. Graduates of this programme will be well placed to undertake strategic planning for businesses whether they are in the public, private or voluntary sectors.

Indicative Content: Strategic Management 1 (Decision Making); Leading for High Performance; Innovation Management; Project Management; Finance for Strategic Decision Making; Commercialisation; Strategic Management 2 (Global Analysis); Strategic Marketing; Analytics for Strategic Decision Making; Critical & Responsible Management; Entrepreneurship; Seminar Series.

Admission Requirements: A minimum of a second-class degree (2.2) or higher in business or economics.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2TVIIJY

Application: Apply online via the programme webpage.

J47	MSc in Strategic Management	UCDMS

Study Location: University College Dublin, Michael Smurfit Business School

Programme Duration: 1 year

Programme Outline: The MSc in Strategic Management provides students with the relevant knowledge and competences needed to take strategic management decisions in a digital age. The Programme has been recently re-designed to serve the needs of companies operating in innovative, international, and entrepreneurial markets. The MSc in Strategic Management is intellectually challenging as it requires students to learn and implement

strategies during a range of selected programmes taught by reputable international academics and practitioners. The programme content equips students with some of the most relevant competences to formulate and implement strategies in global markets facing radical innovations.

Indicative Content: <u>Core</u> – Competitive and Corporate Strategy; Technology and Innovation Strategy; Decision Making Strategies and Techniques; Strategic Resource Allocation; Behavioural Strategy and Leadership; Managing the Negotiation Process. <u>Options</u> – Economics of Entrepreneurship; Creativity Innovation and Entrepreneurship; Mindfulness & Resilience at Work; The Human Side of Innovation; International HRM; Reputation and Disrepute; The Science of Teams; Cross-Cultural Management; Creative Problem Solving; Financial Management; Machine Learning for Business; Dissertation.

Admission Requirements: A minimum second-class Honour's degree (or equivalent) in any discipline, or a primary degree with a minimum of three years' relevant work experience.

IELTS: Minimum 7.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2ZaUHnl

Application: Apply online via the programme webpage.

J48	MSc in Strategy and Innovation	MU

Study Location: Maynooth University

Programme Duration: 1 year

Programme Outline: Students develop a blend of individual competencies necessary to be successful managers, including teamwork, communication, and leadership skills, coupled with organisational level insights into how firms can design strategies and innovate to deliver value for customers. It is suited to both recent graduates interested in developing a graduate management career and experienced managers and entrepreneurs interested in developing the skills and capabilities necessary to develop and implement strategic initiatives and lead organisations.

Indicative Content: Innovation; Strategic Management: Tools and Concepts; Digital Business; Career Planning and Development; Leadership; Strategy Live; Financial Management; Actionable Insights Through Research; Business Research; Placement Project; Dissertation.

Admission Requirements: Candidates must hold a Business, Management, or Marketing degree (level 8), or a Business-related degree, having achieved a minimum of a 2.2 Honours (or equivalent) overall. Alternatively, you may hold a non-Business degree (minimum 2.2 overall) with at least five years' work experience.

IELTS: Minimum 6.5 overall score required, with a minimum score of 6.0 in reading and writing.

Programme Webpage: [shortened as] https://bit.ly/2xaNOlc

Application: Apply online at https://v2.pac.ie/institute/ 2 – using the **PAC Code: MH54D**

J49   MSc in Supply Chain Management   ITC

Study Location: Institute of Technology, Carlow

Programme Duration: 1 year

Programme Outline: This Masters programme offers a robust understanding of the concepts and best practices in Supply Chain Management for application in today's global economy. Supply chain management and sourcing have become a central focus for companies due to the rapid changes in demand for products and services, globalisation and technology. With operations becoming more complex, companies in the manufacturing, retail and technological sectors are searching for individuals with supply chain expertise. This programme has been designed in collaboration with industry to address those needs.

Indicative Content: Lean Manufacturing and Six Sigma; Communications for Supply Chain Professionals; Research Project SCM; Performance Management; Supply Chain Financial Management; Sustainable Supply Chains; Research Methods; Strategic Supply Management; Global Logistics and Technology.

Admission Requirements: Entry requirements are an undergraduate degree with a minimum of Second-class Honours, Grade 2 in a related discipline or equivalent.

IELTS: Minimum overall score of 6.0 required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2ZIQE0E

Application: Apply online at https://www.itcarlow.ie/international.htm.

J50   MSc in Supply Chain Management   TUD

Study Location: Technological University Dublin (Bolton Street Campus)

Programme Duration: 1 year

Programme Outline: The overall learning outcomes of the programme are to provide participants with a detailed knowledge of the theory and practice of SCM, develop graduates to contribute effectively to multi-discipline teamwork aimed at radical improvements in supply chain capability, prepare graduates of all disciplines for a variety of roles in SCM, and provide personal development opportunities for students in parallel with their meeting career development objectives.

Indicative Content: <u>Core</u> – Introduction to Supply Chain Management; Research Methods; Understanding Customer Service; Manufacturing Strategy and Operations; Physical Distribution Management; Purchasing; Information Technology in the Supply Chain; Introduction to Business Strategy; Dissertation. <u>Options</u> – Managing People; Management of Information Systems.

Admission Requirements: Applications will be assessed based on your academic grades and may also take into account your work/life experience.

IELTS: Minimum 6.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/3eAEoEx

Application: Apply online via the programme webpage.

Study Location: University College Dublin, Michael Smurfit Business School

Programme Duration: 1 year

Programme Outline: The programme offers both a solid academic grounding in the concepts and practices of Supply Chain Management and direct contact with the experience and expertise of professionals from the field.

Indicative Content: <u>Core</u> – Supply Chain Sustainability; Supply Chain Operations; Procurement & Supplier Management; Negotiation for Supply Chain Managers; Supply Chain Analytics; Project and Supply Chain Management; Supply Chain Consulting Report. <u>Options</u> – Creative Problem Solving; Machine Leaning for Business; Technology & Innovation Strategy; Financial Management; Cross-Cultural Management.

Admission Requirements: A minimum Second-class Honours degree (or equivalent) in any discipline, or a primary degree with a minimum of three years' work experience in Supply Chain Management.

IELTS: Minimum 7.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2M9Sxi8

Application: Apply online via programme webpage.

K

Food Science,
Food Engineering,
Food Industry

| K1 | MSc in Food Business Strategy | UCDMS |

Study Location: University College Dublin, Michael Smurfit Business School

Programme Duration: 1 year

Programme Outline: The curriculum has been co-devised by UCD Smurfit School and UCD School of Agriculture and Food Science to offer a unique opportunity to receive the highest quality business training as well as to gain a deep understanding of the food sector. Students will gain advanced knowledge of the factors specific to food effecting the sustainability of food production and the role that innovation can play in the sector. They will also gain an appreciation of the increasingly complex and global environment in which the food business currently operates and the uncertainties and risks attached to food production.

Indicative Content: Core – Food Economics; Supply Chain Management Global Food Systems; Customer Focused Food: Competitive Strategy in Global Food Industry; Food Policy; Group Project: Leadership for Growth Food Industry; Innovation for Food Business. Options – Economics of Entrepreneurship; Project Management; Creativity Innovation & Entrepreneurship.

Admission Requirements: A minimum Second Class Honours degree (or equivalent) in any discipline, or a primary degree with a minimum of three years' work experience

IELTS: Minimum 7.0 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] http://bit.ly/1jUoBj5

Application: Apply online via programme webpage.

| K2 | MSc in Food Science | UCC |

Study Location: University College Cork

Programme Duration: 1 year

Programme Outline: This programme offers advanced modules in established and emerging areas of Food Science plus modules in research methods. Novel methods of teaching with emphases on project work and innovative forms of learning are used.

Indicative Content: Core – Scientific Training for Enhanced Postgraduate Studies; Food Business: Markets and Policy; Library Project in Food Science; Novel Processing Technologies and Ingredients; Advances in Food Formulation: Science and Technology; Cheese and Fermented Dairy Products; Meat Science and Technology; Dissertation in Food Science. Options – Global Food Policy Issues; Chemistry of Food Proteins; Macromolecules and Rheology; Food Product Development and Innovation; Advanced Analytical Methods; Cereals and Related Beverages; Microbial Food Safety; Functional Foods for Health; Hygienic Production of Food; Sensory Analysis in Nutrition Research.

Admission Requirements: Candidates must be holders of an Honours BSc degree, or equivalent qualification, in a discipline with a significant element of laboratory science, with a minimum of Second-class Honours Grade 1 or equivalent.

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpage: https://www.ucc.ie/en/ckr22/

Application: Apply online at https://www.ucc.ie/en/apply

K3	MEngSc in Food Engineering	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: On this programme you will develop new technical competencies in food and bioprocess engineering, learn how to develop and execute a research plan, and acquire skills in the application of leading-edge technologies to the agri-food and biotechnology industries, including novel food processing technology, food process automation, risk assessment, computer vision for food quality and food safety. Excellent job prospects are available to graduates in the food, bioprocess, manufacturing and related agencies and industries.

Indicative Content: Bioprocess Engineering Principles; Quantitative Risk Assessment for Human and Animal Health; Life Cycle Assessment; Advanced Food Process Engineering; Thesis; Global Cold Chain Safety; Waste to Energy Processes & Technologies; Food Chain Integrity; Food Refrigeration Engineering; Research and Teaching Methods; Unit Ops for Bioprocess Eng.

Admission Requirements: An Honours undergraduate degree with a minimum upper Second-class Honours or international equivalence in a relevant Engineering, Science or cognitive technology degree programme.

IELTS: Minimum 6.5 overall score required with no section lower than 6.0.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X082

Application: Apply online via the programme webpage.

K4	MSc in Culinary Innovation & Food Product Development	TUD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: This programme is designed to uniquely bridge the knowledge gap between science, business and the culinary arts. It offers a combination of critical, reflective and technical knowledge of the development of innovative food products.

Indicative Content: Core – Culinary Ingredients and Food Product Development Concepts; Technology and Innovation Management; Gastronomy and Culture; Life Cycle and Therapeutic Nutrition; Food Prototype Development and Evaluation; Food Regulatory Affairs; New Food Business Creation; Marketing Communications and Consumer Behaviour; Post-Graduate Research Methodology. Options – Molecular Gastronomy; Food Packaging Design; Intercultural Studies; Sports and Exercise Nutrition.

Admission Requirements: Applicants will normally hold a Second-class honour bachelor's degree, (2.2) or higher in the area of the culinary arts or a food related discipline.

IELTS: Minimum 6.0 overall score required with no section less than 6.0.

Application: Apply online via the programme webpage.

K5	MSc in Food Safety Management	TUD

Study Location: Technological University Dublin (Bolton Street Campus)

Programme Duration: 1 year

Programme Outline: This interdisciplinary, skills-based MSc. Programme focuses on the complex, national and EU regulatory and management systems in place to ensure Food Safety and consumer protection and reviews the many proposed future changes in Food Regulation.

Indicative Content: Food Regulatory Affairs; Food Safety, the Consumer, and the Media; Food Law and Media Research; Chemical and Microbial Hazards in Foods; Food Hazards – Chemical; Food Hazards – Microbiological; Food Hazards Research; Food Safety Management Systems; Food Safety Management Risk Analysis; Food Safety Management Toolkit; Safety Aspects of Primary Production; Safety Aspects of Food Processing; Food Production Research; Dissertation.

Admission Requirements: An honours bachelor degree (2.2 grade or higher) or equivalent in a discipline relevant to Food Safety Management. It is expected that participants will have significant work experience and fit the profile of a manager or technical professional.

IELTS: Minimum 6.0 overall score required with no section less than 6.0.

Application: Apply online via the programme webpage.

K6	MSc in Horticulture	UCD

Study Location: University College Dublin

Programme Duration: 1 year

Programme Outline: The MSc Horticulture caters for early career graduates working or intending to work in the global dynamic horticulture production and supply industry. It is designed for students who wish to acquire greater expertise in horticulture, mature students, and career changers, and draws on the academic expertise available in the UCD School of Agriculture and Food Science.

Indicative Content: Core – Enterprise Development, Data Analysis for Biologists; Food Diet and Health – Making Healthy Food Choices; Introduction to Nutrition; Food Quality and Safety (O/L); Food Production: Fruit and Post-Harvest Physiology; Horticulture Field Studies; Nursery Production & Management; Food Production Vegetable Crops; Food Production: Protected Crops; Professional Communication; Thesis. Options – Elements of Landscape Design; Sport Surf Management.

Admission Requirements: A minimum 2:1 Honours university degree or international equivalent in a biological, environmental, agricultural or related science degree.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpages: [shortened as] https://bit.ly/2RXZpUN

Application: Apply online via the programme webpage.

L

Tourism and Hospitality

L1   MSc in Business and Hospitality   SCHM

Study Location: Shannon College of Hotel Management

Programme Duration: 1 year

Programme Outline: This MSc is designed for those with hospitality/business qualifications or experience who wish to develop their knowledge of hospitality systems, trends and business applications to an advanced level. It is designed as a specialist course which assists students in blending their existing talents with the advanced hospitality and business skills and knowledge needed to manage a modern hospitality organisation.

Indicative Content: Core – Global Business and International HRM; Information Technology for Hospitality; Performance and Revenue Management; Research Methods; Hotel Asset Management; Intercultural Communication for Business; Project Management; Strategy and Innovation for Hospitality. Options – Business Negotiations; International Entrepreneurship in Hospitality; Lean Principles; Management of Organisational Change; Organisational Behaviour; Quantitative Analysis for Business Decisions.

Admission Requirements: Second-class Honours degree (2:2 grade) or higher in a related discipline.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/35qOGF7

Application: Applications for all programmes should be made directly to the Admissions Office by email to joan.markham@nuigalway.ie – Admissions Office.

L2   MSc in Tourism Management   TUD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: The programme is aimed at both professionals currently employed within the tourism industry and those from complementary backgrounds who wish to enter the tourism field. In this context it may be of particular interest to people coming from a heritage, languages, geography, marketing or business background. This programme aims to equip participants with the necessary expertise to manage, co-ordinate and develop tourism businesses and projects in Ireland and abroad. It is aimed at both professionals currently employed within the tourism industry and those from related fields. This dynamic programme encourages interaction between academics and industry practitioners from the national and international tourism sector.

Indicative Content: International Tourism Trends, Markets & Products; Tourism Destination Planning & Management; Managerial Finance & Entrepreneurialism; The Effective Manager; Emerging Industry Issues; Strategic Marketing & Digital Commerce; Dissertation; Research Methods.

Admission Requirements: Second-class Honours degree (2:2 grade) or higher in any discipline.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2Cfpt5B

Application: Apply online via the programme webpage.

L3   MSc in Hospitality Management   TUD

Study Location: Technological University Dublin (Grangegorman Campus)

Programme Duration: 1 year

Programme Outline: This globally recognised hospitality programme is one of TU Dublin's most sought-after programmes. It is the first and only programme of its kind in the Republic of Ireland and provides participants with a top-level educational package that is delivered by leading academics and experts from the national and international hospitality sector. The programme covers all aspects of the hospitality industry with a business-based curriculum that is designed to equip participants with the management skills and analytic capabilities necessary to obtain careers in a wide range of organisational settings.

Indicative Content: International Hospitality Operations Management; Strategic Revenue Management Solutions; Managerial Finance & Entrepreneurialism; The Effective Manager; Emerging Industry Issues; Strategic Marketing & Digital Commerce; Dissertation; Research Methods.

Admission Requirements: Second-class Honours degree (2:2 grade) or higher in any discipline.

IELTS: Minimum 6.5 overall score required with no section less than 6.0.

Programme Webpage: [shortened as] https://bit.ly/38Y5hRP

Application: Apply online via the programme webpage.

L4   MA in International Tourism   UL

Study Location: University of Limerick

Programme Duration: 1 year

Programme Outline: This programme is geared to provide students with an understanding of the international tourism industry and an appreciation of the key issues affecting its continued development. It also presents an opportunity to gain insights into the marketing and management issues impacting on the sector. Students are also presented with opportunities to update their language and IT skills, their communication and presentation skills, and to interact with tourism industry practitioners and visiting international faculty. An innovative and integral part of this programme is an international field trip which all students undertake.

Indicative Content: Tourism Principles and Practice; Economics of Tourism; Tourism Services Marketing; Management in Tourism Enterprises; Research Methods; Economic Appraisal and Evaluation Techniques; Strategic Marketing for Tourism; International Tourism Trends; Tourism Planning and Development; Thesis.

Admission Requirements: Good Honours (minimum 2.2) primary degree from a variety of disciplines including Economics, Geography, Sociology, Business Studies, Hotel Management, Languages, History, Anthropology, Marketing and others.

IELTS: Minimum 6.5 overall score required with no individual section lower than 6.0.

Programme Webpage: [shortened as] https://bit.ly/2OGG7O8

Application: Apply online via the programme webpage.