Irish Aid

Rialtas na hÉireann
Government of Ireland

Ireland's Fellowship Programme

2020-2021 Directory of Eligible Postgraduate
Courses in Irish Higher Education Institutions

Important Information for Applicants

ABOUT THIS DIRECTORY

This directory should be read alongside the guidance notes to 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 course(s) in order of preference you are interested in undertaking, based on the information in this directory and the latest details provided by the relevant institution. You should not rely solely on the information in this document, as the information about courses 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 course(s).** It is also important that you research the institution you propose to study at to ensure that it is a good fit for you and will meet your expectations.

Information on making a course application will be provided to candidates shortlisted by the Embassy of Ireland in March 2020. **Fellowship applicants are advised NOT to apply for any courses 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 and Trade for *shortlisted candidates only*. Reimbursements will not be made where a shortlisted candidate applies for a course before being formally approved by the Embassy of Ireland to do so.

FELLOSHIP PROGRAMMES INCLUDED

This directory covers all courses offered under the following programmes:

Ireland-Africa Fellows Programme
Ireland-Asia Fellows Programme
Kadar Asmal Scholarship Programme
IDEAS Scholarship
Ireland-Palestine Scholarship Programme

COURSE LISTINGS

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.

ABBREVIATED WEB ADDRESSES

Throughout the listings, many long web addresses for course 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.

ENGLISH LANGUAGE PROFICIENCY

To fulfil study requirements of higher education institutions in Ireland, **all candidates for study in Ireland** will be required to hold an IELTS certificate - www.ielts.org - with a minimum overall score of 6.5. The relevant Embassy of Ireland will cover the cost of an IELTS exam for shortlisted applicants who do not hold a certificate that is dated September 2018 or later.

Please note that **some courses in Ireland may specify a higher IELTS requirement** than above for admission. Where possible, this is indicated in the listings. Courses marked with an asterisk (*) have more stringent IELTS requirements than an overall score of 6.5. Some will have minimum score requirements for each individual band; some will require a minimum 7.0 overall score or higher. Applicants are asked to please check the course webpage for more information. IELTS requirements for other courses may also change after the publication of this directory, so applicants are asked to check the course webpage or contact the college directly to confirm the IELTS requirements for any course(s) they are considering applying to. **It is the applicant's responsibility to research the required academic and IELTS qualifications for their chosen course, to ensure that they have the necessary standard.**

KEY TO IRISH UNIVERSITIES, INSTITUTES OF TECHNOLOGY AND COLLEGES WITH LISTED COURSES

AIT	**Athlone Institute of Technology**	Athlone	www.ait.ie
CIT	**Cork Institute of Technology**	Cork	www.cit.ie
DBS	**Dublin Business School**	Dublin	www.dbs.ie
DCU	**Dublin City University**	Dublin	www.dcu.ie
GCD	**Griffith College Dublin**	Dublin	www.griffith.ie
GCL	**Griffith College Limerick**	Limerick	www.griffith.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
MU	**Maynooth University**	near Dublin	www.maynoothuniversity.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
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

(See overleaf for map)

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)

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Courses marked with an asterisk (*) are courses have more stringent IELTS requirements than an overall score of 6.5. Some will have minimum score requirements for each individual band; some will require a minimum 7.0 overall score or higher. Please check the course webpage for more information. IELTS requirements for other courses may also change after the publication of this directory, so please check the course webpage or contact the college directly to confirm the IELTS requirements for any course(s) you are considering.

Underlined courses are highly competitive and/or only accept very high-achieving applicants. Applicants are advised to ensure that they meet all course entry requirements.

B   Food Science, Food Engineering and related

Not eligible for: Lesotho

B1	MSc in Food Safety Management	TUD
B2	MSc in Food Science*	UCC

C   Pharmacy, Biotechnology and Bioengineering

Not eligible for: Ethiopia, Lesotho

C1	MSc in Biopharmaceutical Technology	AIT
C2	MSc in Immunology and Global Health*	MU
C3	MSc in Biomedical Science*	NUIG
C4	MSc in Pharmaceutical Sciences	TCD
C5	MSc in Immunology	TCD
C6	MSc in Pharmaceutical Quality Assurance & Biotechnology	TUD
C7	MSc in Chemistry – Analysis of Pharmaceutical Compounds*	UCC
C8	MSc in Biotechnology*	UCC

D   Health, Medicine, Health Economics and related

Not eligible for: Lesotho

D1	MSc in Diagnostics and Precision Medicine*	DCU
D2	MSc in Science and Health Communication*	DCU
D3	MSc in Health Psychology*	NUIG
D4	MSc in Health Economics*	NUIG
D5	MA in Health Promotion*	NUIG
D6	Master of Health Sciences in International Healthcare Management	SAC
D7	MSc in Global Health*	TCD
D8	MSc in Community Health	TCD
D9	Master of Public Health (MPH)*	UCC
D10	Master of Public Health (MPH)*	UCD
D11	MSc in Advanced Healthcare Practice*	UL
D12	MSc in Nursing Studies*	UL

See also:

C2	MSc in Immunology and Global Health*	MU
N24	MSc in Health Informatics*	UL

E   Development Studies, Peace Studies, Conflict Resolution, Humanitarian Action and related

Not eligible for: Lesotho

E1	MA in International Security and Conflict Studies*	DCU
E2	MA in Refugee Integration*	DCU
E3	MA in International Peace Building, Security and Development Practice	MU
E4	MA in International Development	MU

E5	MA in Environment, Society and Development*	NUIG
E6	MPhil in International Peace Studies	TCD
E7	MPhil in Race, Ethnicity and Conflict	TCD
E8	MSc in Humanitarian Action*	UCD
E9	MSc in International Development*	UCD
E10	MA in International Development*	UCD
E11	MSc in Development and the Global South*	UCD
E12	MA in Race, Migration and Decolonial Studies*	UCD
E13	MA in Peace and Development Studies*	UL

See also:

G3	MA in Public Advocacy and Activism*	NUIG
I5	LLM in Peace Operations, Humanitarian Law and Conflict*	NUIG
I7	LLM in International and Comparative Disability Law and Policy*	NUIG
I8	LLM in International Migration and Refugee Law and Policy*	NUIG
L10	MSc in Economics – International Development*	TCD

F   Education

Not eligible for: Ethiopia, Lesotho

F1	MA in Leadership in Early Years Education and Care	ITC
F2	MA in Adult and Community Education	MU
F3	Master of Education	MU
F4	Master in Education – Foundation Studies	TCD
F5	MA in Education*	UCD

G   Social Policy, Social Research, Community Development, Sociology and related

Not eligible for: Lesotho

G1	MA in Child, Youth and Family Studies	ITC
G2	MSocSc in Rights and Social Policy	MU
G3	MA in Public Advocacy and Activism*	NUIG
G4	MSc in Applied Social Research	TCD
G5	MSc in Disability Studies	TCD
G6	MSc in Comparative Social Change	TCD
G7	MSocSc in Social Policy*	UCC
G8	MSc in Demographics and Population Analytics*	UCD
G9	MA in Sociology (Applied Social Research)*	UL

H   Women's Studies, Gender Studies, Equality Studies

Not eligible for: Lesotho

H1	MA in Global Women's Studies: Gender, Globalisation and Rights*	NUIG
H2	MSc in Gender and Women's Studies	TCD
H3	MA in Women's Studies*	UCC
H4	MSc in Equality Studies*	UCD

| H5 | MA in Gender Studies* | UCD |
| H6 | MA in Gender, Politics and International Relations* | UCD |

I Law, Human Rights and related

Not eligible for: Lesotho

I1	LLM (International Justice)	MU
I2	LLM (Global Legal Studies)	MU
I3	LLM (International Business Law)	MU
I4	LLM in International Criminal Law*	NUIG
I5	LLM in Peace Operations, Humanitarian Law and Conflict*	NUIG
I6	LLM in International Human Rights*	NUIG
I7	LLM in International and Comparative Disability Law and Policy*	NUIG
I8	LLM in International Migration and Refugee Law and Policy*	NUIG
I9	LLM in International and Comparative Law	TCD
I10	LLM (International Human Rights and Public Policy)*	UCC
I11	LLM (Marine and Maritime Law)*	UCC
I12	MSc in Human Rights*	UCD
I13	LLM/MA in Human Rights in Criminal Justice*	UL
I14	LLM in International Commercial Law*	UL

See also:

E2	MA in Refugee Integration*	DCU
E8	MSc in Humanitarian Action*	UCD
G3	MA in Public Advocacy and Activism*	NUIG

J International Relations, Politics, Government, Ethics

Not eligible for: Lesotho

J1	MA in International Relations*	DCU
J2	MSc in Public Policy*	DCU
J3	MA in Philosophy, Politics and Economics	MU
J4	MSc in International Politics	TCD
J5	MSc in International Public Policy and Diplomacy*	UCC
J6	MSc in International Relations*	UCD
J7	MA in International Studies*	UL

See also:

E1	MA in International Security and Conflict Studies*	DCU
E3	MA in International Peace Building, Security and Development Practice	MU
E6	MPhil in International Peace Studies	TCD
H6	MA in Gender, Politics and International Relations*	UCD

K   Engineering, Hydrology, Sustainable Technology

Not eligible for: Ethiopia

K1	MEng in Structural Engineering	CIT
K2	Master of Civil Engineering*	NUIG
K3	ME in Energy Systems Engineering*	NUIG
K4	MSc in Water Resources Engineering*	NUIG
K5	MSc in Energy Science	TCD
K6	MSc in Electronic Information Engineering	TCD
K7	MSc in Mechanical Engineering	TCD
K8	MSc in Environmental Engineering	TCD
K9	MSc in Sustainable Energy	TCD
K10	MSc in Transport Engineering, Policy & Planning	TCD
K11	MEngSc in Sustainable Energy*	UCC
K12	MSc in Sustainable Energy and Green Technologies*	UCD
K13	MSc in Environmental Technology*	UCD
K14	MEngSc in Structural Engineering*	UCD
K15	MEngSc in Water, Waste and Environmental Engineering*	UCD
K16	MSc in Sustainable Energy Engineering	WIT

L   Economics, Finance and Accounting

Not eligible for: Lesotho

L1	MA in Accounting	AIT
L2	MSc in International Accounting and Finance	DBS
L3	MSc in Finance*	DCU
L4	MSc in Accounting and Finance Management	GCD
L5	MSc in Economics	MU
L6	MSc in Economics and Financial Risk Analysis	MU
L7	MSc in Finance	NCI
L8	MSc in FinTech	NCI
L9	MSc in Global Environmental Economics*	NUIG
L10	MSc in Economics – International Development*	TCD
L11	MSc in Finance*	TCD
L12	MSc in Finance (Banking and Risk Management)*	UCC
L13	MSc in Business Economics*	UCC
L14	MSc in Renewable Energy & Environmental Finance*	UCDMS
L15	MSc in Economics and Policy Analysis*	UL
L16	Master of Business Studies (MBS) – Economics and Finance*	WIT

See also:

D4	MSc in Health Economics*	NUIG

M   Management and Business

Not eligible for: Lesotho

M1	Master of Business	AIT
M2	MA in Human Resource Management	CIT
M3	MSc in International Business	CIT
M4	MA in Global Business Practice	CIT
M5	MSc in Human Resource Management*	DCU
M6	MSc in Management (Business)*	DCU
M7	Master of Business	ITC
M8	MSc in Supply Chain Management	ITC
M9	Master of Business in Marketing & Management Strategy	LIT
M10	MSc in Business Management*	MU
M11	MSc in Strategy and Innovation*	MU
M12	MSc in Management	NCI
M13	MSc in International Business	NCI
M14	MSc in Supply Chain Management	TUD
M15	MSc in International Business	TUD
M16	MSc in Digital Innovation*	UCDMS
M17	MSc in Food Business Strategy*	UCDMS
M18	MSc in Project Management*	UCDMS
M19	MSc in Strategic Management and Planning*	UCDMS
M20	MSc in Supply Chain Management*	UCDMS
M21	MSc in Project Management*	UL
M22	MA in Business Management*	UL

See also:

L13	MSc in Business Economics*	UCC
N21	MSc in Information Systems for Business Performance*	UCC

N   Information Systems and Communications Technology

Not eligible for: Ethiopia

N1	MSc in Data Analytics	AIT
N2	MSc in Software Engineering	AIT
N3	MSc in Cybersecurity	CIT
N4	MSc in Artificial Intelligence	CIT
N5	MSc in Data Science and Analytics	CIT
N6	MSc in Information Systems with Computing	DBS
N7	MSc in Computing	GCD
N8	MSc in Network and Information Security	GCL
N9	MSc in Data Science	ITC
N10	MSc in Information Technology Management	ITC
N11	MSc in IT-Enabled Innovation*	MU
N12	MSc in Computer Science (Software Engineering)	MU
N13	MSc in Data Analytics	NCI
N14	MSc in Information Systems Management*	NUIG
N15	MSc in Computer Science (Future Networked Systems)	TCD
N16	MSc in Computer Science (Intelligent Systems)	TCD

N17	MSc in Computer Science (Data Science)	TCD
N18	MSc in Computer Science (Augmented and Virtual Reality)	TCD
N19	MSc in Computing (Data Analytics)*	TUD
N20	MSc in Computing (Advanced Software Development)*	TUD
N21	MSc in Information Systems for Business Performance*	UCC
N22	MSc in Computer Science (Interactive Media)*	UCC
N23	MSc in Computing Science*	UCC
N24	MSc in Health Informatics*	UL

See also:

| L8 | MSc in FinTech | NCI |

| **O** | **Tourism** | |

O1	MSc in Tourism Management	TUD
O2	MSc in Hospitality Management	TUD
O3	MA in International Tourism*	UL

| **P** | **Other Courses** | |

Not eligible for: Lesotho

P1	MA in Public Relations with New Media	CIT
P2	MA in Creative Practice*	GMIT
P3	MSc in Interactive Digital Media	TCD

A

Agriculture, Environmental Science, Conservation, Rural Development and related studies

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

Study Location: Dublin City University

Course Duration: 1 year

Course 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 courses 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: The Physical Science Basis; Climate Change Policy and Governance; Research Methodology; Climate Change and Society Transition; EU and National Climate Change Law; Dissertation. Options – Environmental Ethics: Perspectives and Challenges; Environmental Change and World Politics; Climate Change Education; Policy Challenges; Communicating Policy; EU Foreign and Security Policy; The Politics of the Euro.

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

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

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

Application: **PAC Code: DC669**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

A2   MSc in Applied Marine Conservation*   GMIT

Study Location: Galway-Mayo Institute of Technology

Course Duration: 1 year

Course 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. Due to Irish Aid requirements, fellowship/scholarship applicants must achieve a minimum 6.5 overall with no section less than 6.0.

Course Webpage: [shortened as] http://bit.ly/2xkKLdu

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

A3   MSc in Geocomputation   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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; Theoretical Remote Sensing; Geographic Information Science in Practise; Introduction to Geocomputation; Advanced Topics in Geocomputation; Object-Oriented Programming; Methods & Techniques in Geocomputation; Dissertation.

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.

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

Application: **PAC Code: MH50B**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

A4   MSc in Geographical Information Systems & Remote Sensing   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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.

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

Application: **PAC Code: MHN58**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

A5	MSc in Climate Change	MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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.

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

Application: **PAC Code: MHN56**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

A6	MSc in Climate Change, Agriculture and Food Security*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course 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; Climate Change, Agriculture, Nutrition & Global Health; Policy & Scenarios for Climate Change Adaptation & Mitigation; Gender, Agriculture & Climate Change; Low-Emissions Climate-Smart Agriculture & AgriFood Systems; Climate Change Adaptation, Mitigation & Risk Management; Monitoring Climate Change: Past, Present, Future; Climate Change, Natural Resources & Livelihoods; AgriBiological Responses to Climate Change; CCAFS Science Communication: Techniques & Models; CCAFS Case Studies, Journal Club & Datasets; CCAFS Research Skills/Techniques; CCAFS Research Project.

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.

Course Webpage: www.nuigalway.ie/ccafs

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

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A7   MSc in Coastal & Marine Environments: Physical Processes, Policy & Practice*   NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: Coastal and marine environments are critical to local and national economies, support diverse habitats and communities, and provide a suite of ecosystem services. This field-intensive postgraduate programme examines emerging discourses surrounding the long-term health, use, and management of coastal and marine systems.

Indicative Content: Core – Field and Laboratory Methods; Coastal Processes and Landforms; Marine Spatial Planning and Policy; Dissertation. Options –Biodiversity and Coastal Change; Quaternary Coastal Change; Geographic Studies Abroad; Environment and Health; Geographic Research and Dissertation Abroad.

Admissions Requirements: Second Class Honours or Equivalent (+3.0 GPA). Selection is based on a review of candidate's academic record at the undergraduate level, professional interests and goals, and level of relevant experience.

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

Course Webpage: [shortened as] https://bit.ly/2YnEcES

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

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A8   MSc in Environmental Leadership*   NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course 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; Research Methods 1 and 2; Communication Science & Research; Introduction to Statistics and Data Analysis; Research Project. Options – Conceptualising Environment Society & Development; Environment & Human Health; Environmental Impact Assessment; Marine Spatial Planning & Policy; Introduction to Practical GIS; Introduction to Oceanographic and Environmental Data Analysis; Climate Change & Biodiversity.

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.

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

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

A9	MSc in Environmental Science	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: This full-time, intensive course 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 course provides a foundation of understanding of current environmental policies and legislation, and builds upon this with practical and theoretical courses 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. Practical skills modules: Data handling and analysis; Practical environmental skills. Project Modules: Individual desk study; Project planning; Individual research project.

Admission Requirements: First or upper second class honours 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.

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

Application: Apply online via the course webpage.

A10	MSc in Energy Management	TUD

Study Location: Technological University Dublin

Course Duration: 1 year

Course 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 awarenesss 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. <u>Options</u> - 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 / Bio fuels for Transport; Energy Control Systems; Low Energy Lighting Design.

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

Course Webpage: [shortened as] https://bit.ly/30WqN4m

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

A11	MSc in Applied Coastal and Marine Management*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course 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; Introduction to Geographical Information Systems; Introduction to Remote Sensing; Coastal and Marine Resource Use Practices; Coastal and Marine Governance; Coastal and Marine Processes; Practical Offshore Geological Exploration; Research Dissertation.

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 five years of work experience relevant to the field of applied coastal and marine management will also be considered.

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

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

Application: **PAC Code: CKE39**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

A12   Co-operatives, Agri-Food and Sustainable Development*   **UCC**

Study Location: University College Cork

Course Duration: 1 year

Course Outline: This is a unique course, 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 individual section lower than 5.5.

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

Application: **PAC Code: CKL03**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

A13   MSc in Food Security Policy and Management*   **UCC**

Study Location: University College Cork

Course Duration: 1 year

Course Outline: This course 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 course 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 2H2 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 individual section lower than 6.0.

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

Application: **PAC Code: CKL04**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

A14	MSc (Agr) in Sustainable Agriculture and Rural Development*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: This course 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: Core - Sustainable Agriculture; Strategic Communications; Policies and Strategies for Sustainable Agriculture and Rural Development; Research Methods; Theory & Practice of Rural Enterprises; Minor Thesis. Options - World Heritage and Sustainable Development; Global Biodiversity and Heritage; Economics and Sociology in Rural Development; Planning for Development; Agricultural Extension and Innovation.

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

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

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

Application: Apply online from course webpage.

A15	MSc (Agr) in Environmental Resource Management*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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. Options – Wildlife Conservation; One Health; Rural Planning & Environmental Law.

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.

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

Application: Apply online from course webpage.

A16	MSc in Environmental Science*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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; Freshwater Resources Assessment; Global Change Ecology; Thesis; Vegetation Ecology; G.I.S.; Environmental Geology. Options – Wildlife Conservation; Remote Sensing; Waste Management; Water Waste and Environmental Modelling; Integrated Municipal Solid Waste; Marine Community Ecology; Environmental Impact Assessment; Ecotoxicology and Air Quality; Ecological Modelling; Analyses for Environmental Investigations; Field-Based Freshwater Fisheries Investigations.

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 honours, or international equivalent is required.

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

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

Application: Apply online from course webpage.

A17	MSc in World Heritage Management and Conservation*	UCD

Study Location: University College Dublin

Course Duration: 16 months

Course 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: <u>Core</u> – Communicating Heritage; Research Project Skills; Cultural Heritage; International Strategies and the World Heritage Convention; Heritage Marketing, Market Research & Management; World Heritage and Sustainable Development; Conflict Resolution & Conservation; Dissertation. <u>Options</u> – Archaeology & WHM in Ireland; Irish Archaeological Landscapes; Ireland Landscapes: Future Views; Conservation Biology; Global Biodiversity and Heritage; Climate Change & the Environment; Remote Sensing; Historical Landscapes; Creative Thinking & Innovation.

Admission Requirements: A minimum of a lower second class honours 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 individual section lower than 6.0.

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

Application: Apply online from course webpage.

A18 MSc in Urban Environment*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: This MSc looks at urban environments holistically by integrating the perspectives of human and physical geography to explore urban environments. Exploration is complemented by developing fieldwork and geospatial skills. The key objective of the course is to address the challenge of achieving global sustainability by making resource efficient, smart and liveable cities.

Indicative Content: Environmental Risk and Behaviour; Dissertation; Geo-spatial Technologies; Urban Rivers; Reimagining Dublin: An Interdisciplinary Exploration in Urban Regeneration; Applied GIS; Research Design; International Urban Field Studies; Governing Nature.

Admission Requirements: This programme is intended for applicants with an honours bachelor's degree or international equivalent in any discipline including geography, political science, history, anthropology, economics and sociology, or professionals working in related fields. An upper second class honours (2.1) is required. Applicants with a 2.2 may be considered after interview in exceptional circumstances.

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

Course Webpage: [shortened as] https://bit.ly/2DcWLSN

Application: Apply online from course webpage.

A19   MSc in Applied Geospatial Analysis*   UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: The MSc in Applied Geospatial Analysis will provide you with strong theoretical, conceptual and practical foundation on spatial analytics, covering legislative requirements and ethical considerations. The aim of the programme is to provide you with the skillset for real-world spatial exploration of social, economic and environmental patterns and interactions in support of evidence-based planning and decision-making. It will afford you the opportunity to apply acquired skills in pragmatic contextual settings.

Indicative Content: Core – Dissertation; Applied GIS; Research Design; Advanced GIS; Remote Sensing. Options – Introduction to GIS and Spatial Methods in Archaeology; Advanced GIS in Archaeology and Heritage; Critical Geopolitics of Europe; International Economic Crisis; Geo-spatial Technologies; Urban Rivers; Reimagining Dublin: An Interdisciplinary Exploration in Urban Regeneration; Geographies of the Global South; Latin America: Social Movements and Postcolonial Approaches; Practical Environmental Assessment; Population Geography; Social Simulation: Methods and Models; Quantitative Data Analytics & Applications.

Admission Requirements: This programme is intended for applicants with an honours bachelor's degree or international equivalent in any discipline including geography, political science, history, anthropology, economics and sociology, or professionals working in related fields. An upper second class honours (2.1) is required. Applicants with a 2.2 may be considered after interview in exceptional circumstances.

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

Course Webpage: [shortened as] https://bit.ly/2DcWLSN

Application: Apply online from course webpage.

B

Food Science,
Food Engineering,
Bioresource Technology,
and related studies

B1   MSc in Food Safety Management   TUD

Study Location: Technological University Dublin

Course Duration: 1 year

Course 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. Graduates will be able to occupy significant roles in industry as responsible persons, while also being qualified for employment positions in regulatory affairs, consultancy and administration in both government and industry.

Indicative Content: Food Regulatory Affairs; Food Safety, the Consumer and the Media; Food Law and Media Research; Food Hazards – Chemical; Food Hazards – Microbiological; Food Hazards Research; Food Safety Management Systems; Food Safety Management Risk Analysis; Food Safely Management Toolkit; Safety Aspects of Primary Production; Safety Aspects of Food Processing; Food Production – Research.

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.

Course Webpage: [shortened as] https://bit.ly/2LG9Siz

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

B2   MSc in Food Science*   UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: This course 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; Library Project in Food Science; Dissertation in Food Science. Options – Food Business: Markets and Policy; Material Science for Food Systems; Advanced Topics in Dairy Biochemistry; Advances in the Science of Muscle Foods; Advances in Food Formulation: Science and Technology; Novel Processing Technologies and Ingredients; Cheese and Fermented Dairy Products; Meat Science and Technology; Hygienic Production of Food; Human Nutrition and Health; Sensory Analysis in Nutrition Research; Chemistry of Food Proteins; Macromolecules and Rheology; Advanced Analytical Methods; Cereals and Related Beverages; Food Product Development and Innovation; Microbial Food Saftey.

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.

Course Webpage: https://www.ucc.ie/en/ckr22/

Application: **PAC Code: CKR22**

Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

C

Pharmacy & Biotechnology

C1   MSc in Biopharmaceutical Technology   AIT

Study Location: Athlone Institute of Technology

Course Duration: 1 year

Course Outline: This one-year MSc programme consists of theory and practical classes which are held at AIT, a training period in the National Institute for Bioprocessing Research & Training (NIBRT), site visits to biopharmaceutical plants and guest lectures from individuals working at the cutting edge of the biopharmaceutical industry.

Indicative Content: Analytical Tools for Characterising Biopharmaceuticals; Cell Culture and Cell Line Development; Protein Biochemistry; Lean Six Sigma for Biopharma; Immunobiologics; Contemporary Issues in Biopharma; Bioprocess Technology; Quality by Design and Project Management; Practical Elements; Research Project.

Admission Requirements: First or second class honours grade, or international equivalent, in a Biology or Chemistry-related primary degree (e.g. Biotechnology, Toxicology, Biochemistry, Pharmaceutical Science, Genetics, Neuroscience, Pharmacy, Pharmacology, Physiology, Medicinal Chemistry, etc.). Graduates who hold equivalent qualifications in related science and technology disciplines or who have relevant industrial experience will be considered for places on a case-by-case basis.

Course Webpage: www.ait.ie/courses/msc-in-biopharmaceutical-technology

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.

C2   MSc in Immunology and Global Health*   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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 course covers emerging and re-emerging diseases including diseases of poverty.

Indicative Content: Core – Fundamental Immunology; Advanced Immunology; Geography of Health & Health Care; Epidemiology & The Modelling of Human Disease; Bioethics; Biopharmaceuticals & Clinical Trial; Clinical Immunology; Introduction to Bioinformatics; Vaccines & Adjuvants; Research Project; Seminars in Advanced Immunology and Global Health. Options – Tumour Biology; Human Nutrition and Metabolic Disease; Clinical Proteomics: Discovery, Validation and Medical Utility.

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 no band below 6.5, and a minimum score of 7.0 in writing.

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

Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

C3	MSc in Biomedical Science*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: This MSc programme aims to provide students with the underpinning knowledge and practical skills to pursue a successful career in biomedical science. The course is designed for those who wish to follow careers as Biomedical Scientists in research, the Health Service or in the wider context of biomedical science (including Medical Technologies, Bio-pharmaceutical and other Healthcare industries). A major objective of the course is to introduce students to an interdisciplinary approach to Biomedical Science, which utilises technologies and skills from a wide spectrum of scientific, engineering and clinical disciplines.

Indicative Content: Core – Research & Minor Thesis; Tissue Engineering; Materials, Science & Biomaterials; Applied Biomedical Sciences; Introduction to Business; Literature Analysis and Presentation Skills in Biomedical Research; Regulatory Compliance in Healthcare Manufacturing; Molecular Medicine. Options – Scientific Writing; Human Body Structure; Protein Technology; Human Body Function; Fundamental Concepts in Pharmacology; Cell & Molecular Biology: Advanced Technologies; Radiation and Medical Physics; Advanced Tissue Engineering; Introduction to Bioinformatics; Advanced Industrial Processes.

Admission Requirements: Graduates who have a first class or second class honours BSc degree in a relevant biological or biomedical sciences, physical sciences or engineering field.

IELTS: Minimum 6.5 overall score required with no band below 6.0.

Course Webpages: [shortened as] www.bit.ly/chj2Yk

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

C4	MSc in Pharmaceutical Sciences	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: The M.Sc. in Pharmaceutical Sciences is an integrated multidisciplinary course addressing fundamental and applied aspects of drug and drug product discovery, development, production and analysis. The programme will prepare candidates for research careers in academia and industry in pharmaceutical R&D.

Indicative Content: Regulatory aspects and industrial pharmacy; Chromatographic and other separative methods of analysis; Spectroscopic methods for drug analysis; Molecular pharmaceutics and advanced drug delivery; Analysis of low level drug analytes; Pharmaceutical and medical nanotechnology; Pharmacological and related methods; Analysis of biotech products; Formulation development and evaluation; Research methods in pharmaceutical analysis, analytical method, validation and statistics.

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 honours degrees e.g. I.T., Medicine or Veterinary). Equivalent primary and/or postgraduate qualifications are considered, particularly with relevant professional experience.

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

Application: Apply online via course webpage.

C5	MSc in Immunology	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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 course 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; 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, Molecular Biology, Genetics, Immunology, Biochemistry or a related subject.

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

Application: Apply online via course webpage.

C6	MSc in Pharmaceutical Quality Assurance & Biotechnology	TUD

Study Location: Technological University Dublin

Course Duration: 16 months

Course Outline: This programme is offered on a one year full—time basis followed by a 6 months industry-based dissertation. It is the responsibility of the student to find a suitable placement. (For those studying on this course as part of one of Ireland's Fellowship Programmes, all course requirements must be completed within 16 months.) The course 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; Process Analytical Technology & Quality by Design; Biopharmaceutical Analysis;

Validation of Aseptic Pharmaceuticals; Pharmaceutical Microbiology and Aseptic Manufacture; Pharmacology and Toxicology; Quality Risk Management; Process Validation for Biopharmaceuticals; Dissertation.

Admission Requirements: Honours bachelor degree in science or related discipline at 2.2 grade or higher or equivalent qualification.

Course Webpage: [shortened as] http://bit.ly/2vRCooC

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

C7	MSc in Chemistry – Analysis of Pharmaceutical Compounds*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: The MSc in Analysis of Pharmaceutical Compounds is a one-year course designed to provide you with the theoretical and practical skills for employment in a diverse range of industries that require analytical expertise. The course 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 (industry, research institute, aboard).

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; 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.

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

Application: **PAC Code: CKR02**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

C8	MSc in Biotechnology*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: The MSc in Biotechnology is a one-year course designed to provide you with the theoretical and practical skills for employment in the industries of biomedical research, biopharmaceuticals, agrochemicals and biotechnology. The course 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.

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

Application: **PAC Code: CKR01**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

D

Health, Medicine,
Health Economics
and related

D1   MSc in Diagnostics and Precision Medicine*   DCU

Study Location: Dublin City University

Course Duration: 1 year

Course 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; Precision Medicine 1: Targeted Therapeutics and Diagnostics for Cancer; Translational Bioinformatics; Precision Medicine 2: Targeted Therapeutics and Diagnostics for Inflammatory Diseases and Inherited Diseases; Applied Biostatistics for Medicine and Informatics; Professional Skills for Scientists; Laboratory Practical Skills in Biomedical Diagnostics and Therapeutics; Research Project.

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

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

Application: **PAC Code: DC739**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

D2   MSc in Science and Health Communication*   DCU

Study Location: Dublin City University

Course Duration: 1 year

Course 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 new MSc in Science and Health Communication includes e-health governance, stakeholder engagement and management, policy drafting and data communication alongside existing topics on media skills and STEM communication.

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 - Engagement Assessment and Decision-Making; The Moving Image; Understanding Social Media; Social Media, Journalism & Democracy; Informatics in eHealth; Media and Communication Skills; Gender and Sexuality in Digital Culture; Media Audiences and Consumption.

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. This includes discipline-specific knowledge and know-how; transferable skills; basic research competency; personal effectiveness.

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

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

Application: **PAC Code: DC606**

Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

D3	MSc in Health Psychology*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: This course is concerned with the application of psychological theory, research, and practice to the promotion and maintenance of health; identification and amelioration of psychological factors contributing to physical illness; improvement of the health care system and formulation of health policy.

Indicative Content: Health Promotion and Behaviour Change; Research Methods in Psychology; Perspectives in Health Psychology; Biobehavioral Processes in Health and Illness; Psychological Processes in Health and Illness; Research & Professional Skills; Minor Dissertation.

Admission Requirements: Minimum of a Second Class Honours degree in Psychology.

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

Course Webpage: [shortened as] www.bit.ly/cH7Kg0

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

D4	MSc in Health Economics*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: The MSc (Health Economics) introduces the student to the principles underlying the economic analysis of health care decision-making within an evolving context of technological development, population ageing and changing patient expectations. The programme is designed for people interested in pursuing a career in the government, the health service, the pharmaceutical and medical device industries, or in research and consultancy agencies. The programme examines the challenges of scarcity for health care provision, analyses alternative systems of finance and delivery and provides an introduction to the techniques of evaluation used in health care.

Indicative Content: Economics of Health and Social Care; Economic Evaluation in Healthcare; Health Systems and Policy Analysis; Econometrics; Applied Health Technology Assessment; Market Access; Systematic Reviews; Econometrics; Statistics; Internship.

Admission Requirements: A primary degree at minimum 2:1 which included the study of economics to intermediate level or a higher diploma in economics with 2:1 or equivalent.

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

Course Webpage: [shortened as] www.bit.ly/1KlPlrt

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

D5	MA in Health Promotion*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: The programme aims to provide students with professional education and training in the core competencies for effective health promotion practice, including the following: Theoretical background to the concepts and principles of health promotion; Determinants of physical, mental and social well-being; Application of health promotion interventions across diverse population groups, topics and settings; Critical role of the research process in the development of knowledge and best practice in health promotion.

Indicative Content: Core – Research Methods; Foundations of Health Promotion; Health Promotion Practice; Determinants of Health Promotion; Dissertation. Options – Promoting Health Behaviours; Promoting Health and Wellbeing; Re-orienting Health Services; Supportive Environments; Evaluation of Health Promotion Programmes.

Admission Requirements: An honours primary degree (H2.2), or equivalent international qualification.

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

Course Webpage: [shortened as] https://bit.ly/2JXmsqr

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

D6	Master of Health Sciences in International Healthcare Management	SAC

Study Location: St. Angela's College

Course Duration: 1 year

Course Outline: The purpose of this programme is to prepare nurses 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: Principles and Practice of Management; Strategic Management and Leadership; Information, Measurement, and Evaluation; Quality Healthcare Management; Ethical Practice in Healthcare Management; Managing Finance in Healthcare Organisations; Change Management Project.

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.

Course Webpage: http://www.cll.ie/course/?courseid=121

Application: Apply via online application form available at http://www.cll.ie/international-form/

D7   MSc in Global Health*   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: The M.Sc. Global Health aims to prepare graduates to contribute on a broader scale to the design, implementation, and management of health programmes, health systems development and health policy. The course augments traditional approaches to public and international health by bringing together perspectives and insights from a range of health and social sciences in understanding and resolving the challenges of global health. The M.Sc. Global Health course is particularly designed for practitioners, policy makers, health system planners, programme managers, analysts and health researchers, who wish to understand the broader and interconnecting causes of many health problems from a global perspective.

Indicative Content: Core: Health Economics and Financing; Health Policy and Systems; Reproductive, Maternal and Child Health; Qualitative Research Methods; Health, Environment and Climate; Quantitative Research Methods; Epidemiology; Project Cycle Management; Systematic Reviews; Global Health Research Project. Options: Culture, Health and Illness; Nutrition and Global Health; Information Communication Technology for Development.

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.

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

Application: Apply online via the course webpage.

D8   MSc in Community Health   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: This course will prepare health and social care professionals in the delivery of universal primary care and is suitable for people who are currently either working in, or intend to work in community health and who are seeking an enhanced qualification for their career advancement. The purpose of the 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.

Indicative Content: Core – 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. Options – Deconstructing Mental Health and Distress; Child Health Provision in the Community.

Admission Requirements: Minimum 2:1 grade (second class honours) in a relevant primary degree in the applicant's field of practice. Where applicable, applicants must hold current registration with the relevant professions' regulatory body.

Course Webpage: [shortened as] https://bit.ly/2s3I1OH

Application: Apply online via the course webpage.

D9	Master of Public Health (MPH)*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course 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 course where you can specialise in health promotion, health protection or advanced epidemiology.

Indicative Content: Core - Principles and Practice of Public Health; Applied Research for Public Health; Public Health Informatics; Leadership in Public Health; Dissertation. Options – Health Promotion: Concepts, Principles and Practice; Practice Portfolio–Health Promotion; Public Health and Behavioural Change; Graduate Information Literacy Skills; Global and Environmental Health; Critical Social Science Perspectives on Public Health; The Principles and Practices of Multi-Disciplinary Health Protection; Microbiology for Health and Protection; Global Environmental Health; Advanced Epidemiology; Advanced Biostatistics; Survival Analysis; Systematic Review and Meta-Analysis; Minor Dissertation in Public Health and Epidemiology; Minor Dissertation in Epidemiology.

Admission Requirements: Normally at least a 2:2 Honours degree in a relevant subject or at least a 2:2 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 7.0 overall score required with no section less than 6.5.

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

Application: **PAC Code: CKX11**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

D10	Master of Public Health (MPH)*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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> – Introduction to Environmental Science and Health; Fundamentals of Epidemiology; Public Health Practice; Biostatistics I; Infectious Disease Epidemiology; Health Promotion; Chronic Disease Epidemiology; Applied Research Methods & Data Management; MPH Dissertation; Sociology & Social Epidemiology; Principles of Management, Health Economics & Health Policy. <u>Options</u> – Food Diet and Health; Nutritional Epidemiology; One Health; International Health I; Risk Perception, Communication and Behaviour Changes; Biostatistics II; Research Methods in Genetic Epidemiology; International Health II; 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 suitability credentials. Applicants will be required to provide evidence of the highest level of mathematics achieved in prior education.

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

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

Application: Apply online from course webpage.

D11	MSc in Advanced Healthcare Practice*	UL

Study Location: University of Limerick

Course Duration: 1 year

Course 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 Clinical Therapists; Dissertation. <u>Options</u> – Independent Learning Module; Principles of Primary & Community Care; Leading & Managing Practice; Social Influence & Attitude Change; 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 hons level or above.

IELTS: Minimum 7.5 overall score required with no section less than 7.0.

Course Webpage: [shortened as] http://bit.ly/2i8IoEj

Application: Apply online via the course webpage.

D12   MSc in Nursing Studies*   UL

Study Location: University of Limerick

Course Duration: 1 year

Course 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 Project 1; Dissertation Project 2. Options – Health Promotion in Nursing/Midwifery Practice; Intercultural Care; Therapeutic Engagement.

Admission Requirements: Candidates must have a first 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.

Course Webpage: [shortened as] http://bit.ly/2w4o4tD

Application: Apply online via the course webpage.

E

**Development Studies,
Peace Studies,
Conflict Resolution,
Humanitarian Action
and related**

E1　　MSc in International Security and Conflict Studies*　　　　　　　　　　　DCU

Study Location:　　　Dublin City University

Course Duration:　　　1 year

Course Outline: The MA in International Security and Conflict Studies explores the causes of conflict, the roles played by powerful states and the broader international community in conflict and security, the changing role of peacekeeping, terrorism and radicalisation, and conflict resolution processes.

Indicative Content: <u>Core</u> – International Law and Conflict; Resolving and Managing Conflict; International Security; Research Methodology; Dissertation. <u>Options</u> – Environmental Change and World Politics; Criminology; Professional Development; European and International Human Rights Law; Russia & The Former Soviet Space; Irish Foreign Policy; Conflict, Security & Peacebuilding; Political Terrorism; Politics & Development in Africa; Politics of the UN; Politics of the Middle East and North Africa; India: The Politics of an Emerging Power.

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

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

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

Application:　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**PAC Code: DC629**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

E2　　MA in Refugee Integration*　　　　　　　　　　　　　　　　　　　　　　DCU

Study Location:　　　Dublin City University

Course Duration:　　　1 year

Course 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; Gender, Sexuality and Migration; Migrant Populations, Education and Second Language Acquisition; Research Methods; Dissertation. <u>Options</u> – Translation in Crises; Community Interpreting Theory and Practice; Community Interpreting Theory; Environmental Change and World Politics; EU Migration and Asylum Law; European and International Human Rights Law; 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: Minimum 6.5 overall score required with no section less than 6.0.

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

Application:　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**PAC Code: DC663**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

E3   MA in International Peace Building, Security and Development Practice   MU

Study Location: Maynooth University

Course Duration: 1 year

Course Outline: This programme empowers actors and practitioners from development, security and other peace and security related institutional backgrounds involved in international peace-building with the knowledge, skills and competencies that will enable them to provide leadership to reduce and ultimately eliminate violent conflict.

Indicative Content: Core – Mediation Knowledge and Practice; Resolving Protracted Conflict: Applied Concepts & Peace Process Theories; Globalisation and Movements for Change; Conflict, Development and Security. Options – Impacts, Adaptation and Mitigation; Mediation Theory & Conflict Analysis; Post Conflict Studies: Challenges of Implementing Peace Agreements; Negotiation Theory and Skills; Conflict Intervention, Stabilisation and the Comprehensive Approach; Peace, Religion and Diplomacy; Political Economy of Development; Gender and Development; Managing Development Organisations; Adult Learning for Development; Sustainable Livelihoods and Climate Change Adaptation.

Admission Requirements: Honours Degree (minimum 2nd class honour) in a cognate discipline, such as international relations, development studies, sociology, politics, etc.

Course Webpage: [shortened as] https://bit.ly/2BJuN0m

Application: **PAC Code: MH54M**

Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

E4   MA in International Development   MU

Study Location: Maynooth University

Course Duration: 15 months

Course 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: Political Economy of Development; Gender and Development; Managing Development Organisations; Introduction to Development Theory and Practice; Adult Learning for Development; Research Methods; Leadership in Groups; Human Development; Facilitation for Change; Financial Management; Health and Development; 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.

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.

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

Application: **PAC Code: MH50N**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

E5	MA in Environment, Society and Development*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: The programme engages students on global concerns that encompass a complex and dynamic mesh of environmental, social and economic processes. It centrally involves a critique of interventionism and the various practices of development and security that define our contemporary world, and practically how that critique can enable more informed and potentially more transformative interventionary practices.

Indicative Content: Core – Conceptualising Environment, Society & Development; Geography and Geo-Graphing; Geopolitics & Security; Environment & Risk; Managing Development; Field Based Learning; Dissertation. Options – Geographic Studies Abroad; Geographic Research and Dissertation Abroad.

Admission Requirements: Second Class Honours degree with a 2:1 in Geography or related discipline and a 2:2 overall, or equivalent. Prior learning in terms of relevant work experience is also recognised.

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

Course Webpage: [shortened as] www.bit.ly/cG6CnV

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

E6	MPhil in International Peace Studies	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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 course 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. Options – International Politics; Ethics in International Affairs; 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 and Globalisation; Reconciliation in Northern Ireland; The Politics and Idea of Europe; Theories of Race and Ethnicity; Colonialism and Liberal Intervention; Religion, Conflict and Peace in International Relations; NGOs in Theory and Practice: Internship Module; Sharing Perspectives (online 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.

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

Application: Apply online via course webpage.

E7	MPhil in Race, Ethnicity and Conflict	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Overview: This course 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: Core – Theories of Race & Ethnicity; Research Methods; Theories of Conflict; Dissertation. Options – Racism and Resistance; Gender, War and Peace; Contemporary Conflicts: Case Studies; Development, Colonialism and Intervention; Migration, Labour and Conflict.

Admission Requirements: Candidates should have an Honours Bachelor 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.

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

Application: Apply online via course webpage.

E8	MSc in Humanitarian Action*	UCD

Study Location: University College Dublin

Course Duration: 15 months

Course 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 emphasized. The programme is suitable for both recent graduates and experience practitioners working or intending to work in the field of humanitarian relief and international co-operation.

Indicative Content: Core – Geopolitics; Anthropology; International Law; Publish Health; Management in Humanitarian Action; Dissertation. Options – International Politics; Ethics in International Affairs; Conflict Resolution and Nonviolence; Armed Conflict, Peace-building and Development; The United Nations and Conflict Resolution; Human Rights in Theory and Practice; Gender, War and Peace; Gender and Globalisation;

Reconciliation in Northern Ireland; The Politics of the Idea of Ethnicity; Theories of Race and Ethnicity; Religion, Conflict and Peace in International Relations; NGOs in Theory and Practice (Internship Module).

Admission Requirements: A minimum 2:2 Honours degree in a cognate subject.

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

Course Webpage: [shortened as] https://bit.ly/2yeoVHI

Application: Apply online from course webpage.

E9	MSc in International Development*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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. MA students have the option of pursuing an internship in lieu of a thesis.

Indicative Content: <u>Core</u> – Politics of Development; Dissertation Design; The Economics of Sustainable Development. <u>Options</u> – Theories of International Relations; International Political Theory; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security and Defence Policy; Governing the Global Economy; Politics of European Governance; Politics of Human Rights; Theory of Human Rights; The Global Political Economy of Europe; Principles of International Politics; Gender in Peace and Conflict; The Politics of Inequality; Dissidents and Human Rights Defenders; Political Violence; Political Behaviour in the Middle East and North Africa; Psychology of Conflict in the Middle East; Geopolitics of Brexit; Public Opinion and Politics; Comparative European Legislatures; Thesis; Internship.

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.

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

Application: Apply online from course webpage.

E10	MA in International Development*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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 MSc 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: <u>Core</u> – Politics of Development; Thesis; Introduction to Statistics; Dissertation Design; Research Design and Case Study Methods; The Economics of Sustainable Development. <u>Options</u> – Theories of International Relations; International Political Theory; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security and Defence Policy; Governing the Global Economy; Politics of European Governance; Politics of Human Rights; Theory of Human Rights; The Global Political Economy of Europe; Principles of International Politics; Gender in Peace and Conflict; The Politics of Inequality; Dissidents and Human Rights Defenders; Political Violence; Political Behaviour in the Middle East and North Africa; Psychology of Conflict in the Middle East; Geopolitics of Brexit; Public Opinion and Politics; Comparative European Legislatures.

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.

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

Application: Apply online from course webpage.

E11	MSc in Development and the Global South*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: The MSc Development and the Global South is designed to provide students with an advanced knowledge of key development challenges, potentials and contestations in the Global South at a range of scales and informed by local experiences of development, change and sustainability. A strong emphasis is placed on developing students' applied skills in geospatial technology and an understanding of their societal application to development-related issues, research and to informing practice, planning and policy making in the Global South.

Indicative Content: <u>Core</u> – Dissertation; International Fieldwork; Development and the Global South; Latin America: Social Movements and Postcolonial Approaches; Introduction to ArcGIS; Research Design. <u>Options</u> – Development and the Global South; Population Patterns and Challenges; Politics of Human Rights; Economic Globalisation and Social Change.

Admission Requirements: Applicants should have a minimum of an upper second class honours (2:1) degree or international equivalent at bachelors level in any academic field, with a preference for fields of study related to your chosen stream. Relevant professional or voluntary experience may be considered as part of the application process

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

Course Webpages: [shortened as] https://bit.ly/2Ylywai

Application: Apply online from course webpage.

E12   MA in Race, Migration and Decolonial Studies*   **UCD**

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: This unique 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.

Indicative Content: <u>Core</u> – Dissertation; Critical Race & Decolonial Paradigms; Global Migration; Art, Knowledge & Social Change; Geographies of the Global South ; Postcolonial Geographies; Queer Frictions; Theory of Sexuality & Gender; Ethnicity & Nationalism; Everyday Nationalism; Social Research; Economic Globalisation; Qualitative Research; Organised Violence & Society; Global Justice & Development; Racism & Anti-Racism; Human Rights Law & Equality ; Immigration & Asylum Law; Travellers Rights & Nomadism; Gender, War & Violence.

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 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.

Course Webpages: [shortened as] https://bit.ly/2K7OD65

Application: Apply online from course webpage.

E13   MA in Peace and Development Studies*   **UL**

Study Location: University of Limerick

Course Duration: 1 year

Course 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: <u>Core</u> **–** Graduate Seminar in Development; Graduate Research Methods; Graduate Seminar in Peacebuilding; Dissertation. <u>Options</u> – 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.

Course Webpage: [shortened as] www.bit.ly/187ScT3

Application: Apply through UL's online applications system using the link at the course webpage.

F

Education

F1   MA in Leadership in Early Years Education and Care   ITC

Study Location: Institute of Technology, Carlow

Course Duration: 1 year

Course 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.

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

Application: Apply directly to the International Office by emailing noneuapply@itcarlow.ie with an *IT Carlow Non-EU Application Form*, which is available for download at https://bit.ly/2vSovWB.

F2   MEd in Adult and Community Education   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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; Critical Perspectives on Adult Education; Critical Reflective Practice in Adult Education; Thesis; 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.). Please note: The University may waive these conditions in certain cases.

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

Application: **PAC Code: MHA92**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

Study Location: Maynooth University

Course Duration: 1 year

Course Outline: A range of educational research methodologies are taught as key components of the course to support students in developing the necessary research skills to conduct their own research, and to interpret and interrogate research around key educational issues. Students can choose between taking a **Specialism** and taking a **General** degree with the option of completing either a Thesis or a Capstone Project at the end of the programme.

Indicative Content: Core – Critical Reflections on Education; Introduction to Research Methods in Education; Contextualising and Communicating your Research. Options – Educational Policy and Legislation: Navigating Official Landscapes; Teaching about Teaching: From Teacher to Teacher Educator; Play and Enquiry Led Curriculum/Pedagogy; Thesis; Capstone Project; Equality, Diversity & Policy in Education; Communicational Leadership: Personal and Professional; Exploring Critical and Creative Pedagogies: Drama and the Arts in Education; Wellbeing, Mental Health and Education; Teacher Education: Policies and Issues; Leadership and Mentoring in the Early Years Context.

Admission Requirements: Applicants will hold the equivalent of an honours degree and/or honours postgraduate diploma.

Course Webpage: [shortened as] http://bit.ly/2v7jZ3y

Application: **PAC Code: MH52G**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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.

Indicative Content: Core – Academic Literacy and Research Methods; Thinking Education. Options – Assessment and Evaluation in Education: Issues and Applications; Educational Psychology; Education and Social Policy; History and Historiography of Education; ICTs in Education; Introduction to Language Education; Sociology of Education; Teacher Leadership for 21st Century Schools.

Admission Requirements: Normally a good honours degree and at least two years' experience in the field of education.

Course Webpage: [shortened as] https://bit.ly/28KP96B

Application: Apply online via course webpage.

Study Location: University College Dublin

Course Duration: 1 year

Course 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: <u>Core</u> – Thesis; Research Methods; Data Analysis. <u>Options</u> – Professional Development: Digital Learning Design; Education Sciences: Psychology Applied to Schools; Leading a Learning Organisation; Responding to the Additional Support Needs of Learners: Theoretical and Practical Perspectives; Research Design; Advanced Research Methods (Qualitative); Psychology and Positive Psychology; Children's Rights & Participation; Contemporary Issues; School Leadership and the Quality of Teaching and Learning: Actors, Agency, Activities; Guiding Effective T & L; Curriculum and Assessment; Students, Schools & Society; Equality and Social Justice in Children's Learning; Philosophical Perspectives on Education and Childhood; Children's Literature; Mental Health & Wellbeing; History of Childhood & Learning.

Admission Requirements: An upper second class honours (2:1), 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.

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

Application: Apply online via course webpage.

G

Social Policy,
Social Research,
Community Development,
Sociology and related

G1   MA in Child, Youth and Family Studies   ITC

Study Location: Institute of Technology, Carlow

Course Duration: 1 year

Course Outline: 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 & Youth Studies; Applied Psychology; Perspectives on Family & Society; Leadership, Strategy & Governance; Research Methods; Dissertation. Options - Youth Justice; Child & Family Rights; Addiction Studies; Adult & Community Education.

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

Course Webpage: [shortened as] https://bit.ly/2Ph37T2

Application: Apply directly to the International Office by emailing noneuapply@itcarlow.ie with an *IT Carlow Non-EU Application Form*, which is available for download at https://bit.ly/2vSovWB.

G2   MSocSc in Rights and Social Policy   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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: Core – 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. Options – Criminal Justice Studies; Participative Governance and Social Policy-Making; Social Gerontology Policy and Practice.

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.

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

Application: **PAC Code: MHB56**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

G3   MA in Public Advocacy and Activism*   NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course 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 organizations 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 Theory and Practice of Advocacy and Activism; Communications Media and Marketing for Advocates; Short Filmmaking for Advocacy; Service Learning Placement; Dissertation. Options – Human Rights for Advocates; Film & Politics; How to Argue with an Economist; Organisational Analysis and Management; The Social and Political Context of 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.

Course Webpage: www.nuigalway.ie/publicadvocacy/

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

G4   MSc in Applied Social Research   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: This Masters course aims to equip students with the skills necessary for the conduct of social research, including advanced training in quantitative and qualitative methodologies. The course 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 honors 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.

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

Application: Apply online via course webpage.

G5   MSc in Disability Studies   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: The M.Sc. in Disability Studies provides students with a deep understanding of disability from social, historical, cultural, economic and policy perspectives. Graduates of the M.Sc. are equipped with the knowledge, analytical skills and perspectives to help translate rights into reality in the field of disability. The programme aims to prepare graduates for employment and career development in areas such as disability advocacy, quality assurance in disability services, programme planning and evaluation in the field of disability, disability research, and disability policy analysis.

Indicative Content: Core – Introduction to Disability Studies; Disability, Policy, Law and Ethics; Research Methods; Disability Placements/Disability Applied Projects; Dissertation. Options – Contemporary Issues; Disability and Development; The Politics of De-Institutionalism; Perspectives on Deafness.

Admission Requirements: Normally a 2:1 Honours degree in humanities, social sciences, sciences, rehabilitation, education, policy. Applicants with qualifications below this level or those holding professional qualifications will be required to submit a portfolio detailing their prior learning both in formal and experiential settings. This portfolio should be submitted as part of the online application process.

Course Webpage: https://www.tcd.ie/swsp/postgraduate/disability/

Application: Apply online via course webpage.

G6   MSc in Comparative Social Change   TCD/UCD

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

Course Duration: 1 year

Course Outline: This course is offered jointly by the Department of Sociology at Trinity College Dublin and the School of Sociology at University College Dublin to develop students' knowledge of the main currents of social change today, the social, cultural and economic forces which are driving them and the different forms they take across states. The course provides advanced training in conceptualising, designing and conducting comparative research across countries and the role that this can play in policy development. It provides students with both the theoretical frameworks and practical research skills necessary to understand the processes and pressing issues presented by global social change.

Indicative Content: Core – Globalisation and Social Change: India, China, Brazil; Introduction to Comparative Social Change: Concepts and Cases; Research Methods; Dissertation. Options – The Migration Challenge: Economic Globalisation and Social Change; Gender and Social Change in a Comparative Context; Comparing Healthcare Systems; Migration, Labour and Conflict; Everyday Nationhood in Comparative Perspective; Art, Knowledge and the Politics of Social Change.

Admission Requirements: Candidates should normally have achieved an upper second class honours degree (2:1) or equivalent, preferably with a social sciences component and excellent academic references. GPAs of at least 3.2 out of 4, or equivalent, will be expected from international applicants.

Course Webpage: [shortened as] https://bit.ly/2vg4yJ5

Application: Apply online via course webpage.

G7   MSocSc in Social Policy*   UCC

Study Location: University College Cork

Course Duration: 1 year

Course outline: The course gives you the theoretical and practical skills to engage in social research and policy analysis. As part of this course, 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: <u>Core</u> - Contemporary Social Policy Issues; Social Research: Methodology and Ethics; Social Policy Analysis; Social Policy Seminar Series; Dissertation. <u>Options</u> – 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.

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

Application: **PAC Code: CKE62**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

G8   MSc in Demographics and Population Analytics*   UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: This programmes provide a multi-disciplinary educational environment to broaden your knowledge and understanding of population dynamics within a global context, the implications of demographic change for public policy nationally and internationally, the application of demographic analysis within an interdisciplinary context.

Indicative Content: <u>Core</u> – Quantitative Data Analysis; Fundamentals of Epidemiology; Geographies of Global South; Population Analysis; Population Geography; Dissertation. <u>Options</u> – Global Migration; Health, Illness and Society; Asylum and Refugee: Law, Politics and Rights; Applied GIS.

Admission Requirements: A minimum 2:1 primary degree in a relevant discipline, including political science, social policy, geography, sociology, economics, mathematics, statistics, development studies, business, finance, marketing, public health, psychology and computer science.

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

Course Webpage: [shortened as] https://bit.ly/2LzXrAx

Application: Apply online via course webpage.

G9	MA in Sociology (Applied Social Research)*	UL

Study Location: University of Limerick

Course Duration: 1 year

Course Outline: The course 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 course, 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 course.

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

Admission Requirements: The basic requirement is a first 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.

Course Webpage: [shortened as] http://bit.ly/2fNk3TP

Application: Apply online from course webpage.

H

Women's Studies, Gender Studies and Equality Studies

H1   MA in Global Women's Studies: Gender, Globalisation and Rights*   NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course 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: <u>Core</u> – Human Rights, Women and Gender; Feminist and Gender Theorising; Gender Perspectives on Globalisation; Research Methods; Dissertation. <u>Options</u> – Gender and Conflict; Development and Human Rights; Women's Agency and Power; *Clár* Collaboration; *Clár* Leadership Project; History and Narrative in Gender Research; Engaged Research Practice: Women in Agriculture; 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.

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

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

H2   MSc in Gender and Women's Studies   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: The course 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 course also hones the sort of analytical, written, and verbal communication skills that are highly valued and effective in a many different careers.

Indicative Content: <u>Core</u> – Gender Theories; Approaches and Methods to Gender Research; Dissertation. <u>Options</u> – Gender and Globalisation; Medieval Sexualities and the Body; Europe on the Edge; Feminism and the Politics of the Sacred; Gender and Nation in Irish Writing; Gender, Identity and Authority in Eighteenth Century France; Gender, War and Peace.

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

Course Webpage: [shortened as] https://bit.ly/2AFmzFW

Application: Apply online via course webpage

H3   MA in Women's Studies*   UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: The course 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 course, 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 Honours 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.

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

Application: **PAC Code: CKE03**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

H4   MSc in Equality Studies*   UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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 and Practice; Human Rights Law and Equality; Sociology of Inequality; Critical Political Economy; Researching and Challenging Social Injustice; Gender Theory: Critical Themes. <u>Options</u> – Equalities and Social Justice for Children; Minor Thesis; Disability and Equality; Masculinities, Gender and Equality; Equality Studies Research and Professional Practice Portfolio; International Economic Crisis; Geographies of the Global South; Latin America Social Movements and Postcolonial Approaches; International Human Rights; Asylum and Refugee Law, Politics and Rights; Topics in Continental Philosophy; International Political Theory; International Political Economy; Theory of Human Rights; Ethnicity and Nationalism; Art, Knowledge and Social

Change; Critical Race and Decolonial Theory; Feminist and Egalitarian Research; Travellers Rights and Nomadism; Gender and Globalisation; Gender, Inequality and Public Policy; Gender War and Violence; Reproductive Justice and Sexuality.

Admission Requirements: Normally students on this programme will have attained a higher second class honours in their primary , 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.

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

Application: Apply online via course webpage

H5	MA in Gender Studies*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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: Core – Feminist & Egalitarian Research; Gender Theory: Critical Themes; Gender and Globalisation; Women's Studies Minor Thesis; Gender, Inequality and Public Policy. Options – Human Rights Law and Equality; Masculinities, Gender and Equality; Feminist and Gender Theory; Ethnicity and Nationalism; Travellers, Rights and Nomadism; Space, Place and Gender; Gender War and Violence; Reproductive Justice and Sexuality.

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.

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

Application: Apply online via course webpage.

H6	MA in Gender, Politics and International Relations*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: The MA in Gender, Politics and International Relations is an intensive course 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: <u>Core</u> – Research Design; Gender and Security; Gender and the Political System. <u>Options</u> – 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; Gender in Peace and Conflict; Psychology of Conflict in the Middle East; 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. 2H1 is equivalent to 60 per cent, B minus or 3.08 GPA - in American system: B or 3.00 GPA. Your application will be considered on its individual merits and relevant professional experience will also be taken into account.

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

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

Application: Apply online via course webpage.

I

Law,
Human Rights
and related

I1   LLM (International Justice)   **MU**

Study Location: Maynooth University

Course Duration: 1 year

Course 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: <u>Core</u> – Public International Law; Professional Development; Dissertation. <u>Options</u> – 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.

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

Application: **PAC Code: MH64J**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

I2   LLM (Global Legal Rights)   **MU**

Study Location: Maynooth University

Course Duration: 1 year

Course 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 (level 8) degree in law.

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

Application: **PAC Code: MH50J**

Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

I3   LLM (International Business Law)   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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: <u>Core</u> – International Law on Foreign Investment; Islamic Finance Law; Professional Development; Dissertation. <u>Options</u> – International Human Rights; World Trade Law; Information Privacy Law; Public Procurement Law; Aircraft Financing; Economic, Social and Cultural Rights; EU External Relations Law and Policy; Advocacy Funds Law; Information Technology Law.

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)).

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

Application: **PAC Code: MH52J**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

I4   LLM in International Criminal Law*   NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: The LLM in International Criminal Law (ICL) will provide students with an advanced understanding of the history and institutional structures of the various international criminal tribunals and the International Criminal Court. It will equip students with an in-depth knowledge of the principles of international criminal law and its component crimes and procedural issues, while also allowing them to develop a critical approach to the relationship between other accountability mechanisms, such as truth commissions.

Indicative Content: <u>Core</u> - Introduction to International Criminal Law; Dissertation. <u>Options</u> – African and Inter-American Regional Systems of Protecting Human Rights; Business and Human Rights; Children's Rights; Conflict and Post-Conflict; Counter-Terrorism and Human Rights; Economic, Social & Cultural Rights; European Convention on Human Rights; European Union and Human Rights; Genocide; How to Argue with an Economist; International Criminal Law; International Criminal Procedure; International Humanitarian Law; International Refugee Law; Introduction to Human Rights Law; Minority Rights; Peace Support Operations; Public International Law; Procedure before International Criminal Courts; Right to Development; Transitional Justice; Women's Rights.

Admission Requirements: Candidates should preferably hold a law degree or an interdisciplinary degree which includes a substantial law component and in which they have attained a minimum Second Class Honours Grade 1 standard or its equivalent.

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

Course Webpage: [shortened as] www.bit.ly/1YbmRqi

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

I5	LLM in Peace Operations, Humanitarian Law and Conflict*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: This programme aims to prepare graduates for work in the field of international peace support operations, with international organisations, non-governmental organisations and as individual advocates.

Indicative Content: Core – International Peace Support Operations; International Humanitarian Law; Dissertation. Options - Peace Support Operations; International Humanitarian Law; Business and Human Rights; Children's Rights; Conflict and Post-Conflict; 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; Women's Rights;

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.

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

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

I6	LLM in International Human Rights*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: This course 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 course 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.

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

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

I7	LLM in International and Comparative Disability Law and Policy*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course 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. The LLM in International and Comparative Disability Law and Policy addresses that and graduates from this programme will be the first to emerge skilled in this growing area of law and policy.

Indicative Content: Core - Foundational Theoretical Framework for Disability Law and Policy; Dissertation. Options – Mental Health Law and Policy; Law, Regulation & Policy; Contemporary Challenges in Disability Law and Policy; Advocacy and Access to Justice; Immigration Law: Between Sovereignty and Equality; Universal Environments; Minors, Minority Groups & the Criminal Justice System; Regional Disability Law and Policy; Legal Capacity Law and Policy; Law and Policy on Independent Living; Inclusive Education Law and Policy; Crime and Disorder; Contemporary Issues in Child and Family Law; Local Government Law; The Criminal Jury; Equality Law; Principles & Thematic Application; Processes of Law Reform; Theories of Judicial Activism; Sentencing & Penal Policy; Advocacy, Activism and Public Interest Law; Advanced Legal Research & Method.

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.

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

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

I8   LLM in International Migration and Refugee Law and Policy *   NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: The LL.M in International Migration and Refugee Law is the only course 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: Core – International Migration Law; International Refugee Law; Dissertation. Options – 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; Refugee Protection; Rights of the Child; 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.

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

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

I9   LLM in International and Comparative Law   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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.

Sample Modules: African Human Rights Law; The Chinese Legal System in Comparative Perspective; Comparative Constitutional Law and Theory; International Criminal Law; International Economic Law; International Humanitarian Law; Islamic Law; Judicial Review and Human Rights: Theory and Practice; Law and Bioethics; Patent Law in the Globalised World; Transitional Justice.

Admission Requirements: A good honours law or law-based interdisciplinary Bachelor 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.

Course Webpage: [shortened as] https://bit.ly/2LPVGEb

Application: Apply online via course webpage.

I10 LLM (International Human Rights and Public Policy)*   UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: The course offers students a wide range of human rights law courses 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: Core - Human Rights Law in Practice; International Human Rights Law and Public Policy; Contemporary Issues in International Law; International Human Rights Law; Thesis. Options – Terrorism and Political Violence; Law of the European Convention on Human Rights; Information Rights Law; Constitutional Law in Comparative Context; Criminology; Penology; Juvenile Justice; International Children's Rights; International Criminal Law; The Family and the Law; International Refugee Law; Mental Health Law; Climate Change Law and Policy; International Environmental Law; Human Rights; Law of Cybercrime; Environmental Law in Practice; Method in Environmental Law; Enforcement and Sanctions in Antitrust Law; Mental Capacity Law; Legal Regulation of Cohabitation and Emerging Family Forms; Climate Change Law and Policy; Global Maritime Security; International Environmental Law.

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 individual section lower than 5.5.

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

Application: **PAC Code: CKL27**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

I11 LLM (Marine and Maritime Law)*   UCC

Study Location: University College Cork

Course Duration: 1 year

Course 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: Admiralty Law; Climate Change and Energy Law; Sale, Insurance and Carriage of Goods at Sea; Ship Finance; Introduction to Law of the Sea; Global Maritime Security; Marine Environmental Law; Port Law; Natural Resources Law; International Environmental Law; Methods of Environmental 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 individual section lower than 5.5.

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

Application: **PAC Code: CKL46**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

I12	MSc in Human Rights*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: The MSc in Human Rights is a one-year intensive course 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 - Theory of Human Rights; International Human Rights; Politics of Human Rights; Law of the ECHR; Dissertation Design. Options - Politics of Development; Disability and Equality; Asylum and Refugee Law, Politics and Rights; Theories of International Relations; Politics of Development; International Political Theory; Comparative Public Policy; Comparative Public Policy; EU Foreign , Security and Defence Pol.; Governing the Global Economy; Thesis; SPIRe Internship; Principles of Intl. Politics; Gender in Peace and Conflict; The Economics of Sustainable Development; Dissidents and Human Rights Defenders; Political Violence; Political Behaviour in the Middle East and North Africa; Psychology of Conflict in the Middle East; Geopolitics of Brexit.

Admission Requirements: A primary degree with at least Second Class Honours Grade 1 (2:1) in a relevant subject.

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

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

Application: Apply online via course webpage

I13	LLM/MA in Human Rights in Criminal Justice*	UL

Study Location: University of Limerick

Course Duration: 1 year

Course 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.

Indicative Content: <u>Core</u> - Advanced Legal Research Skills; Dissertation Methodology. <u>Options</u> - Comparative International Protection of Human Rights; Law of the European Convention of Human Rights; Criminal Justice Processes and Sentencing; Comparative and European Criminal Justice; International Criminal Law; Policing and Human Rights; Criminology.

Admission Requirements: Applicants must normally have a second class honours degree, grade 2 (2:2) in law or in a relevant social science. Applicants with a primary degree in law will be awarded an LL.M., whereas all other applicants will be awarded an M.A.

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

Course Webpage: [shortened as] http://bit.ly/2tLGEp1

Application: Apply online via the course webpage.

I14	LLM in International Commercial Law*	UL

Study Location: University of Limerick

Course Duration: 1 year

Course Outline: The LLM in International Commercial Law immerses the post-graduate student in more detailed aspects of commercial law, as well as developing broadly applicable legal research and other transferable skills. The emphasis is on those areas of law, such as credit and security, intellectual property and competition law, which are critical to the operation of any commercial enterprise in the modern world. The programme also takes account of the increasing internationalisation of commerce with modules in global competition law and international trade organisations.

Indicative Content: <u>Core</u> – Advanced Legal Research Skills; Law of International Trade Organisations; International Business Associations; International Business Transactions; Dissertation Methodology; Dissertation. <u>Options</u> – Global Competition Law; Counter Terrorism Law & International Business; International Protection of Intellectual Property Rights; International Labour Law; Law of Credit and Security; International Tort Law and Business.

Admission Requirements: Minimum second class honours in an undergraduate law degree. In exceptional circumstances an applicant who cannot satisfy the undergraduate requirement may be accepted on the basis of relevant professional experience.

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

Course Webpage: [shortened as] http://bit.ly/2vLxAPY

Application: Apply online via the course webpage.

J

International Relations, Politics, Government, Ethics

J1   MA in International Relations*   DCU

Study Location: Dublin City University

Course Duration: 1 year

Course 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: <u>Core</u> – International Relations Theory; Principles of Public International Law; Research Methodology; International Political Economy; Dissertation. <u>Options</u> – Environmental Change and World Politics; Criminology; Postgraduate Professional Development; European and International Human Rights Law; Russia & The Former Soviet Space; Irish Foreign Policy; Conflict, Security & Peacebuilding; Political Terrorism; Politics & Development in Africa; Politics of the UN; Politics of the Middle East and North Africa; India: The Politics of an Emerging Power.

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

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

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

Application: **PAC Code: DC608**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

J2   MSc in Public Policy*   DCU

Study Location: Dublin City University

Course Duration: 1 year

Course 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: <u>Core</u> – Public Policy Analysis; Public Law and Political Philosophy; Policy Analysis Exercise; Policy Challenges; Quantitative Methods for Social Sciences; Research Methodology. <u>Options</u> – Delivering Performance Excellence; Environmental Change and World Politics; Criminology; Communicating Policy; EU Institutional Law.

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

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

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

Application: **PAC Code: DC648**

Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

J3   MA in Philosophy, Politics and Economics   MU

Study Location: Maynooth University

Course Duration: 1 year

Course Outline: This M.A. brings together at a postgraduate level some of the most important approaches in Philosophy, Politics, and Economics in order 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: <u>Core</u> – Power, Wealth and Corruption; Dissertation. <u>Options</u> – 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.

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

Application: **PAC Code: MHV64**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

J4   MSc in International Politics   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: The objective of the course 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: <u>Core</u> – International Conflict; Research Design; Introduction to Quantitative Research Methods; International Politics; Dissertation. <u>Options</u> – Global Justice; International Human Rights Scholarship; US Foreign Policy; International Human Rights Institutions; International Dispute Settlement; Chinese Politics; Politics in Authoritarian Regimes; The Military and Politics.

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.

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

Application: Apply online via the course webpage.

J5   MSc in International Public Policy and Diplomacy*   UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: The course will give you access to expertise across a diverse range of subjects and is strongly orientated toward vocational skills training, through coursework and the opportunity to undertake a work placement. The course 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; International Criminal Law; Global Maritime Security; Human Rights; Revolution, Decolonization & the Arab Spring; Indigenous Worldviews and Minority Religions; Rethinking Borders: Global Challenges to Social Justice.

Admission Requirements: Minimum 2:1 Honours 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.

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

Application: **PAC Code: CKD56**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above. *Additional application information is posted on the course webpage.*

J6   MSc in International Relations*   UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: MSc International Relations probes into the causes and consequences of phenomena such as war, trade, regional integration, migration and terrorism. This programme aims to provide a comprehensive and critical grounding in key issues in politics and international relations and to allow students critically engage with cutting edge issues in the discipline.

Indicative Content: <u>Core</u> – Theories of International Relations; Introduction to Statistics; Dissertation Design; Research Design and Case Study Methods; Political Violence; Thesis. <u>Options</u> – Politics of Development; International Political Theory; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security, and Defence Politics; Governing the Global Economy; Politics of European Governance; Politics of Human Rights; Theory of Human Rights; The Global Political Economy of Europe; Principles of International Politics; Gender in Peace and Conflict; The Economics of Sustainable Development; Capital in the 21st Century; Dissidents and Human Rights Defenders; Political Behaviour in the Middle East and North Africa; Psychology of Conflict in the Middle East; Geopolitics of Brexit.

Admission Requirements: Normally a primary degree in a relevant subject with at least 2:1 Honours. Applicants with relevant professional experience may also be considered.

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

Course Webpage: [shortened as] http://bit.ly/2tpCReA

Application: Apply online via course webpage

J7	MA in International Studies*	UL

Study Location: University of Limerick

Course Duration: 1 year

Course 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: <u>Core</u> – Seminar in International Relations; Research Methods; Seminar in International Co-operation and Conflict; Dissertation. <u>Options</u> - 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.

Course Webpage: [shortened as] www.bit.ly/19DmgTM

Application: Apply through UL's online applications system using the link at the course webpage.

K

Engineering, Hydrology, Sustainable Technology

K1	MEng in Structural Engineering	CIT

Study Location: Cork Institute of Technology

Course Duration: 1 year

Course Outline: The Master of Engineering in Structural Engineering programme aims to develop advanced analytical, design and research skills in Structural Engineering. Graduates of this programme will be well equipped to meet the challenges of the modern Structural Engineering industry, providing and protecting the physical infrastructure that underpins society; in this context a broad range of infrastructure is addressed.

Indicative Content: Core – Sustainability in Engineering; Structural Engineering; Computational Solid Modelling; Engineering Research Skills; Adv. Geotechnical Engineering; Bridge Engineering; Infrastructure/Special Structure; Advanced Structural Design; Project Development; Research Project. Options – Infrastructure Asset Management; Engineering Project Management.

Admission Requirements: A minimum of a Second Class Honours Grade 2 in a professionally accredited Honours Degree Programme in Civil or Structural Engineering. Equivalent recognition may be given through the Recognition of Prior Learning (RPL) process on an individual case-by-case basis to candidates who have not achieved this academic standard but who can demonstrate significant relevant professional experience in the discipline of Structural Engineering.

Course Webpage: https://www.cit.ie/course/CRCSTRU9

Application: Apply online via the course webpage.

K2	Master of Civil Engineering*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: This course aims to equip Civil Engineers with advanced skills. It is a broad design-focussed programme with three primary elements: (i) advanced core modules in Civil Engineering, (ii) modules on transferrable skills/professional development and (iii) an individual capstone research project.

Indicative Content: Core – Advanced Structures; Integrated Civil Engineering Design; Civil Engineering Project/Thesis; Computational Methods in Civil Engineering. Options – Design of Sustainable Environmental Systems; Transportation Systems and Infrastructure; Offshore and Coastal Engineering; Energy in Buildings; Hydrology and Water Resources Engineering; Hydrological Modelling; Advanced Applied Mathematics for Engineers; Technology Innovation & Entrepreneurship; Project Management; Financial Management; Strategic Management; Polymer Engineering; Advanced Applied Mathematics for Engineers; Earth Observation and Remote Sensing; Advanced Finite Element Methods.

Admission Requirements: Entry to the programme is open to individuals who have Second Class Honours in a Level 8 engineering degree in a related discipline from a recognised university or third level college.

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

Course Webpage: [shortened as] www.bit.ly/1KfsWvO

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

K3   ME in Energy Systems Engineering*   NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: This course aims to advance students' engineering knowledge. It provides training in advanced technologies in energy systems engineering, transferrable skills for employment and/or a research career in the energy sector, and technology development through an energy systems engineering project.

Indicative Content: Core – Global Change; Renewable Energy Economics and Policy; Energy Systems Engineering Project. Options – Systems Modelling and Simulation; Project Management; Lean Systems; Computing Architecture & Operating Systems; Advanced Energy Systems Engineering; Programming; Research Methods for Engineers; Computational Methods in Engineering Analysis; Technology Innovation & Entrepreneurship; Financial Management; Databases; Advanced Mechanics of Materials; Design of Sustainable Environmental System; Advanced Mechanical Analysis and Design; Advanced Finite Element Methods; Combustion Science and Engineering; Energy in Buildings; Estimates and Costing; Power Systems; Turbomachines and Advanced Fluid Dynamics; Advanced Power Electronics; SmartGrid.

Admission Requirements: Entry to the programme is open to individuals who have Second Class Honours in a Level 8 engineering degree in a related discipline from a recognised university or third level college.

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

Course Webpage: [shortened as] www.bit.ly/1F1D62N

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

K4   MSc in Water Resources Engineering*   NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course Outline: This programme will provide engineers will the technical competences to provide solutions to deliver safe/clean water. The programme will also give opportunities to students to study economics and the project management of large projects. Key components of this programme are a focus on understanding and using modern hydraulic modelling tools, and working in design groups.

Indicative Content: Core: Hydrology & Water Resources; Hydraulic Modelling; Design of Sustainable Environmental Systems; Hydropower; Water Quality Modelling; Water Resources in Developing Countries; Applied Field Hydrogeology; Advanced Fluid Mechanics; Numerical Analysis; Integrated Design Project. Options: Computational Methods in Civil Engineering; Turbomachines & Advanced Fluid Dynamics; Environmental Economics; Engineering Finance Project Management; Applied Statistics for Engineers; Computational Fluid Dynamics; Environmental Impact Assessment; Global Climate Change; Introduction to Applied Field Hydrology.

Admission Requirements: Minimum entry requirement is a Second Class Honours Grade 1 in civil/environmental engineering or equivalent. Applications from candidates from cognate disciplines will be considered on a case-by-case basis.

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

Course Webpage: [shortened as] https://bit.ly/2nAaLLH

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

K5	MSc in Energy Science	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: The MSc in Science of Energy consists of six taught modules. These are structured around a **cross-cutting introductory module**. The introductory module is designed to furnish students with all of the basic physics, chemistry and engineering concepts that are required to become an "Energy Scientist". Now with the ability to understand and analyse the competing aspects of all of the essential science, engineering and economics pertinent to the energy discipline, the students proceed to five specialised technically orientated core modules**.**

Indicative Content: Introduction to Energy Science; Conventional Energy Sources and Technologies; Electric Power Generation and Distribution; Sustainable Energy Sources and Technologies; Sustainable Energy Sources and Technologies.

Admission Requirements: This MSc is suitable for graduates who have achieved an upper second class honours 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.

Course Webpage: http://www.tcd.ie/courses/energyscience/

Application: Apply online via course webpage.

K6	MSc in Electronic Information Engineering	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: This is a taught master's course 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 courses 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; Wireless Networks and Communications; Complex Systems Science; Reconfigurable Hardware for Computational Engineering.

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.

Course Webpage: https://www.tcd.ie/eleceng/postgraduate/MSc/

Application: Apply online via course webpage.

K7	MSc in Mechanical Engineering	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: The MSc in Mechanical Engineering is designed to provide a flexible route to a Masters 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 course must normally hold a first or second class, first division honours Bachelor degree in engineering or a cognate discipline.

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

Application: Apply online via course webpage.

K8	MSc in Environmental Engineering	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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 course 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 course also incorporates the grand challenges facing Environmental Engineers of this era including climate change, sustainability, and renewable energy.

Indicative Content: Civil Engineering Management; Research Methodology; Research Dissertation; Hydrological Processes and Hydrometry; Spatial Environmental Analysis and Impact Assessment; Air Pollution; Waste Management and Energy Recovery; Water Quality and Hydrological Modelling; Water Resource Planning and Climate Change; Sustainable Water Supply and Sanitation; Water Treatment Technologies; Introduction to Environmental Engineering.

Admission Requirements: An upper second honours degree (or equivalent) in a Civil Engineering or related degree. Relevant industrial experience may be taken into account in allocating places where the course is oversubscribed.

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

Application: Apply online via course webpage.

K9	MSc in Sustainable Energy	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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 course 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; Research Dissertation; Wind Energy; Solar Energy Conversion and Applications; Building Energy Physics and Control; Energy Policy and Demand; Renewable Heat; Wave & Hydro Energy

Admission Requirements: An upper second honours degree (or equivalent) in a Civil Engineering or related degree. Relevant industrial experience may be taken into account in allocating places where the course is oversubscribed.

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

Application: Apply online via course webpage.

K10	MSc in Transport Engineering, Policy & Planning	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

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

Indicative Content: Civil Engineering Management; Research Methodology; Research Dissertation; Transport Engineering; Transport Modelling; Highway Engineering; Applied Transportation Analysis.

Admission Requirements: An upper second honours degree (or equivalent) in a Civil Engineering or related degree. Relevant industrial experience may be taken into account in allocating places where the course is oversubscribed.

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

Application: Apply online via course webpage.

K11   MEngSc Sustainable Energy*   UCC

Study Location: University College Cork

Course Duration: 1 year

Course 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; Control Engineering; The Engineer in Society; Ocean Energy; Biomass Energy; Power Electronic Systems; Preliminary Research Project; Dissertation.

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.

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

Application: **PAC Code: CKR26**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

K12   MSc in Sustainable Energy and Green Technologies*   UCD

Study Location: University College Dublin

Course Duration: 1 year

Course Outline: The MSc in Sustainable Energy and Green Technologies focuses development and optimisation of renewable energy resource exploitation; efficiency in energy generation and utilisation pathway; mitigation of environmental impacts, and; preparation for business innovation and job creations 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 Systems & 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 individual section lower than 6.0.

Course Webpage: [shortened as] https://bit.ly/2OkdPvI

Application: Apply online from course webpage.

K13	MSc in Environmental Technology*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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 Environment; Thesis.

Admission Requirements: Minimum of a 2nd Class honours 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.

Course Webpage: [shortened as] www.bit.ly/14UK6XV

Application: Apply online via course webpage

K14	MEngSc Structural Engineering*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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; Advanced Structural Analysis & Design; Innovation Leadership; Structural Dynamics; Structural Research Project; Fibre Reinforced Composites; Quantitative Methods for Engineers. Options – Agency Design/Build; Structural Design (Building Construction); Bridge Engineering; Soil Mechanics and Geotechnical Engineering; Construction Management; Engineering Design Project; Energy Systems in Buildings; Professional Engineering (Management); Environmental Assessment and Management.

Admission Requirements: Honours Bachelor's Degree in Engineering or equivalent (with a minimum of 2:2 honours level, or equivalent) and the appropriate prior learning.

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

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

Application: Apply online via course webpage.

K15	MEngSc in Water Waste and Environmental Engineering*	UCD

Study Location: University College Dublin

Course Duration: 1 year

Course 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: Core - Introduction to Water Resources Engineering 1; Science and Technology for Sustainable Development; Water Waste and Environmental Modelling; Environmental Impact Assessment; Quantitative Methods for Engineers; Environmental Research Project. Options - Unit Treatment Process in Water Engineering; Hydraulic Engineering Design; Introduction to Water Resources Engineering 2; Integrated Municipal Solid Waste; Remote Sensing; Advanced Air Pollution; Civil Engineering Systems; Freshwater Resources Assessment; GIS and Data Analysis; GIS and Remote Sensing; Geographical Information Systems for Policy and Planning; Applied Statistical Modelling.

Admission Requirements: A recognised bachelor's degree (honours) in engineering (minimum 4-yr, 240 ECTS), preferably in civil engineering or environmental engineering, or equivalent.

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

Course Webpage: [shortened as] www.bit.ly/1607Ekt

Application: Apply online via course webpage.

K16	MSc in Sustainable Energy Engineering	WIT

Study Location: Waterford Institute of Technology

Course Duration: 1 year

Course Outline: This course 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: Sustainability and the Environment; Personal Effectiveness; Advanced Dynamic Thermal Simulation – Services Systems; Statistical Analysis; Energy Auditing; Dynamic Thermal Simulation – Building Fabric; Building Pathology and Investigation; Building Services Systems; Facilities Management; Passive and Low Energy Building Design; Sustainable Energy Technology; Research Methods; Dissertation.

Admission Requirements: Normally a second class honours degree in an engineering related and technical programme such as building services engineering, mechanical engineering, civil engineering, construction management, quantity surveying, architectural technology and architecture. Students from other associated engineering and science disciplines are welcome to apply.

Course Webpage: [shortened as] www.bit.ly/1Qhjj07

Application: **PAC Code: WD554**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

L

Economics, Finance and Accounting

L1   MA in Accounting   AIT

Study Location: Athlone Institute of Technology

Course Duration: 1 year

Course Outline: This course is a challenging one-year taught programme aimed at preparing business graduates for entry into the accountancy profession. On the programme, students will share experiences and knowledge to maximise learning. There is no requirement to complete a dissertation. However a small project is undertaken.

Indicative Content: Financial Reporting and Corporate Governance; Financial Strategy; Auditing; Strategic Management Accounting; Taxation; Personal and Professional Development; Research Methods; Integrated Case Studies; Project.

Admission Requirements: An honours bachelor degree in accounting (minimum grade 2:2) or closely related discipline.

Course Webpage: [shortened as] http://bit.ly/2tuvcMe

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.

L2   MSc in International Accounting & Finance   DBS

Study Location: Dublin Business School

Course Duration: 1 year

Course 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: Core – Corporate Financial Management; International Financial Reporting; Quantitative Applications for Finance; Personal and Professional Development; Research Methods I and II; Advanced International Financial Reporting; Strategic Performance Management; Treasury Risk Management; Dissertation. Options – 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.

Course Webpage: [shortened as] https://bit.ly/2vtpmNw

Application: Apply online via the course webpage.

L3	MSc in Finance*	DCU

Study Location: Dublin City University

Course Duration: 1 year

Course 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 have the opportunity to learn the latest econometrics and data analysis techniques.

Indicative Content: <u>Core</u> – Quantitative & Research Methods for Finance; Econometrics; Advanced Portfolio Theory; Advanced Quantitative Analysis; Financial Statement Analysis; Asset Pricing; Fixed Income; Financial Markets and Derivatives; Corporate Finance. <u>Options</u> – Risk Management & Modelling; Research Project in Risk Management; Advanced Topics in Capital Marketing; Research Project in Capital Marketing; Energy Markets & Modelling; Research Project in Energy Finance; Research Project.

Admission Requirements: A minimum second class (upper) honours degree (or international equivalent) in a Business-related discipline with a high Finance/Economics/Econometrics/Maths/Stats content.

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.

Course Webpage: [shortened as] https://bit.ly/2NdszaH

Application: **PAC Code: DC511**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

L4	MSc in Accounting and Finance Management	GCD

Study Location: Griffith College Dublin

Course Duration: 1 year

Course Outline: 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> – Management Accounting and Control; International Strategy; International Financial Management; International Financial Reporting and Analysis; Audit and Assurance; Legal Environment and Corporate Governance; Business Research Methods; Strategic Managerial Finance; Dissertation. <u>Options</u> – Taxation (IRL); International Tax Law; Business Planning and Entrepreneurship; Leadership and Management Development; eBusiness and eMarketing; Technology and Business Innovation.

Admission Requirements: Honours degree in the field of accounting and finance (minimum 2:2).

Course Webpage: [shortened as] http://bit.ly/2v5sxHV

Application: Apply online from the course webpage.

L5   MSc in Economics   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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.

Course Webpage: [shortened as] https://bit.ly/2M8FrkA

Application: **PAC Code: MHH52**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

L6   MSc in Economics and Financial Risk Analysis   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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; 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.

Course Webpage: [shortened as] https://bit.ly/29LvB1T

Application: **PAC Code: MHH64**

Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

L7	MSc in Finance	NCI

Study Location: National College of Ireland

Course Duration: 1 year

Course Outline: Graduates will be accomplished in the application of advanced quantitative tools and financial models and techniques within a range of business and financial settings. In particular, the course will provide graduates with the techniques and applied knowledge necessary to select, analyse and utilise advanced financial concepts within the setting of investment management and capital markets.

Indicative Content: Core – Financial Statement Analysis; Economics; Asset Valuation; Quantitative Methods in Finance; Portfolio Management; Derivatives and Risk Management; Quantitative Analysis for Finance; Corporate Finance; Applied Security Analysis; Capstone Seminar Series; Financial Regulation; Ethics and Governance; Dissertation. Options – Strategic Management and the Global Environment; Financial and Quantitative Modelling.

Admission Requirements: Minimum of a 2:2 honours degree in finance or a cognate area.

Course Webpage: [shortened as] https://bit.ly/2Z8EnAX

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

L8	MSc in FinTech	NCI

Study Location: National College of Ireland

Course Duration: 1 year

This course requires that all students have their own laptop, with minimum specifications outlined on the course webpage. Students must provide their own laptop that meets these minimum specifications. Laptops are not provided under Ireland's Fellowship Programme.

Course Outline: This course will provide you with the latest knowledge and competencies at the intersection of finance and technology; the rapidly evolving area that is FinTech. The interdisciplinary course will appeal to graduates of finance, computing and business seeking to enter the area of FinTech; and industry practitioners seeking to gain insightful experience and exposure to the FinTech domain and its associated areas of, for example, data analytics, electronic services, e-Cash, as well as related future and emerging technologies.

Indicative Content: Core – Introduction to Financial Markets; Information Assurance and Cybersecurity; Data Analytics; Data Governance and Compliance; Contemporary Topics; Financial Analytics; Blockchain Technologies; Entrepreneurship in FinTech. Options – Digital Forensics and Auditing; Crowd Markets; Research Project; Industry Based Research Project.

Admission Requirements: Minimum of a 2:2 honours degree or its equivalent in one or more of the following domains: computing science, finance, business or economics. Cognate disciplines will also be considered. Note that applicants lacking both a clear financial and technology component may still be eligible, but will be subject to review.

Course Webpage: [shortened as] https://bit.ly/2PaUV6M

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

L9	MSc in Global Environmental Economics*	NUIG

Study Location: NUI Galway

Course Duration: 1 year

Course 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 course consists of taught modules, an internship, and a minor dissertation which is usually closely linked to the internship.

Indicative Content: Core – 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. Options – 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, which will have included the study of Economics can apply.

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

Course Webpage: [shortened as] https://bit.ly/2YysLGy

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

L10	MSc in Economics – International Development*	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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 organizations, non-governmental organisations, or prepare yourself for a career in economic research.

Indicative Content: Core – Linear Regression, Consumption & Production; Panel Data; Long-Run Development; Maths & Stats; Multivariate Analysis; Research Methods; Time Series; Multivariate Analysis; Dissertation. Options – 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 with no section less than 6.0.

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

Application: Apply online via course webpage.

L11	MSc in Finance*	TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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; Credit and Fixed Income Instruments; Investment Theory; Advanced Statement Analysis; Portfolio and Wealth Management; Dissertation. Sample Options – Financial Markets & Institutions; Trading Psychology & Behavioural Analysis; Panel & Cross Sectional Data Analysis; Enterprise Risk Management; Policy Issues in the International Economic System; Ethical Business; Governance International Tax and NMEs.

Admission Requirements: A first or upper second-class honours degree, or equivalent.

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

Course Webpage: https://www.tcd.ie/business/msc/finance/

Application: Apply online via course webpage.

L12	MSc in Finance (Banking and Risk Management)*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: This programme involves advanced study of the practices of investment, banking and risk management. The course 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; Fixed Income Securities; 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.

Course Webpage: https://www.ucc.ie/en/ckl19/

Application: **PAC Code: CKL19**
Apply online via The Postgraduate Applications Centre – (PAC) – www.pac.ie – using the PAC application code above.

L13	MSc in Business Economics*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: This course equips you with the key skills for career development in the ever-changing business world. This is a research-orientated course, 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 courses 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 Analysis and Forecasting for Business Development; Research Methods for Business Economics; Business Survey Methods; Research Workshops and Professional Development; Business Economics Report

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.

Course Webpages: www.ucc.ie/en/ckl06

Application: **PAC Code: CKL06**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

L14	MSc in Renewable Energy & Environmental Finance*	UCDMS

Study Location: University College Dublin, Michael Smurfit Business School

Course Duration: 1 year

Course Outline: As the only Masters in the world covering both energy finance and environmental finance, this course offers an unrivalled level of specialisation in global energy and environmental markets. The curriculum encompasses the major theoretical aspects of energy and the environment in economics and finance, along with modules focusing upon the tools and techniques for evaluating a comprehensive range of global and regional energy-environment issues.

Indicative Content: <u>Core</u> – Quantitative Methods for Finance; Financial Econometrics; Capital Markets and Instruments; Commodity Finance; Financial Theory; Financial Analysis; Environmental Finance; Electricity Markets; Energy Economics and Policy; Green Business; Portfolio and Risk Management. Electricity Markets; Energy Economics and Policy; Green Business; Portfolio and Risk Management. <u>Options</u> – Mergers and Acquisitions; Financial Modelling; Advanced Treasury Management; Aircraft Financing; Behavioural Finance; International Finance; Applied Investment Management; Research Project.

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.

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

Application: Apply online via the course webpage.

L15	MSc in Economics and Policy Analysis*	UL

Study Location: University of Limerick

Course Duration: 1 year

Course 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; Data Management for Policy Analysis & Evaluation; 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.

Course webpage: [shortened as] https://bit.ly/2ok7D78

Application: Apply online via course webpage.

L16   Masters in Business Studies (MBS) – Economics and Finance*   **WIT**

Study Location: Waterford Institute of Technology

Course Duration: 1 year

Course Outline: This course emphasises developing skills of critical thinking, analysis, debate, dealing with high levels of ambiguity, decision making and the simultaneous treatment of inter dependent decisions in a more complex environment. Students will gain a unique and valuable combination of an in depth knowledge of the theoretical underpinnings of financial markets with the relevant technical and analytical skills to apply in a 'real-world' environment.

Indicative Content: Econometrics; Innovation Management and Design; Financial Derivatives; Business Simulation 1; Seminar Series; Research Methods; Corporate Financial Interpretation; Financial Risk and Regulatory Management; Applied Consultancy Business Simulation 2; International Study Trip; Qualitative Research or Quantitative Research Methods; Monetary Economics; Dissertation.

Admission Requirements: Usually a 2:1 award in a strong specialist business/economics and finance undergraduate degree or a general business undergraduate degree with an economics and finance major/specialism. Please note the English language requirements for admission given on the website (also see p3).

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

Course Webpage: [shortened as] www.bit.ly/17TV1Dg

Application: **PAC Code: WD507**
Apply online via The Postgraduate Applications Centre – (PAC) – www.pac.ie – using the PAC application codes above.

M

Management and Business

M1	Master of Business	AIT

Study Location: Athlone Institute of Technology

Course Duration: 1 year

Course Outline: This masters in 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 course design is engagement with external businesses and organisations. You will also gain a deeper understanding of businesses and the environments they operate in, as well as skills such as marketing, strategic analysis and information systems.

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; Research Project.

Admission Requirements: Students are expected to have a minimum of a Bachelor Degree in business or a cognate discipline at 2.2 level or an approved equivalent qualification.

Course Webpage: https://www.ait.ie/courses/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.

M2	MA in Human Resource Management	CIT

Study Location: Cork Institute of Technology

Course Duration: 1 year

Course 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.

Course Webpage: http://www.cit.ie/course/CRBHRMN9

Application: Apply online via the course webpage.

| M3 | MSc in International Business | CIT |

Study Location: Cork Institute of Technology

Course Duration: 1 year

Course Outline: 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: <u>Core</u> – Global Marketing Management; Financial Management & Systems for International Business; Innovation; Strategic Thinking; International Selling & Business Development; Sustainable Marketing Practice; Seminar Series; International Study Trip; Economics of Global Markets; Business Environment Simulation; Applied Business Project. <u>Options</u> – 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

Course Webpage: http://www.cit.ie/course/CRBIBUS9

Application: Apply online via the course webpage.

| M4 | MA in Global Business Practice | CIT |

Study Location: Cork Institute of Technology

Course Duration: 1 year

Course 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.

Course Webpage: http://www.cit.ie/course/CRBGLBP9

Application: Apply online via the course webpage.

M5	MSc in Human Resource Management*	DCU

Study Location: Dublin City University

Course Duration: 1 year

Course Outline: The innovative and distinguishing features of this programme are its focus on international elements of management, its emphasis on enhancing leadership capability, and the importance given to building professional competencies. You will also develop insights into the latest developments in HRM, including cross-cultural management, people management, and the strategic importance of the HR function.

Indicative Content: Labour Law; Organisational Analysis; Management Research Report/Dissertation; People Management & Development; Researching HRM; Managing Organisational Learning & Knowledge; Leadership & Career Development; Selection & Assessment; Managing Employee Performance and Reward; International HRM; International Employee Relations; Strategic Human Resource Management.

Admission Requirements: A second class honours grade 1 degree (or international equivalent).

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.

Course Webpage: [shortened as] https://bit.ly/2Su9LaF

Application: **PAC Code: DC632**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

M6	MSc in Management (Business)*	DCU

Study Location: Dublin City University

Course Duration: 1 year

Course 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: Core – 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. Options – Practicum-Applied Research; Dissertation.

Admission Requirements: A second class honours grade 1 degree in a discipline other than Business, or an equivalent international qualification. If you have achieved a second class honours grade 2 honours 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.

Course Webpage: [shortened as] https://bit.ly/2LyQWT9

Application: **PAC Code: DC510**

Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

M7	Master of Business	ITC

Study Location: Institute of Technology, Carlow

Course Duration: 1 year

Course 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 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.

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: An undergraduate degree with a minimum 2:2 or equivalent in Business.

Course Webpage: [shortened as] https://bit.ly/2MCJeHO

Application: Apply directly to the International Office by emailing noneuapply@itcarlow.ie with an *IT Carlow Non-EU Application Form*, which is available for download at https://bit.ly/2vSovWB.

M8	MSc in Supply Chain Management	ITC

Study Location: Institute of Technology, Carlow

Course Duration: 1 year

Course Outline: This Masters course offers a robust understanding of the concepts and best practices in Supply Chain Management for application in today's global economy.

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: An undergraduate degree with a minimum 2:2 or equivalent in a related discipline.

Course Webpage: [shortened as] https://bit.ly/2MsyUlz

Application: Apply directly to the International Office by emailing noneuapply@itcarlow.ie with an *IT Carlow Non-EU Application Form*, which is available for download at https://bit.ly/2vSovWB.

M9   Master of Business in Marketing & Management Strategy   LIT

Study Location: Limerick Institute of Technology

Course Duration: 1 year

Course Outline: This programme will employ a learner-centred instructional philosophy, namely Problem Based Learning (PBL). The aim of PBL is to prepare learners for the demands of real life marketing and management positions in a rapidly changing, knowledge-based economy. In a PBL environment, learners are encouraged to solve problems, which are set in a real world framework.

Indicative Content: Integrated Marketing Communications (incl. New Media); Financial Analysis for Management Decisions; Business Research Methods; Planning, Strategy and Innovation; Consumer Behaviour and Relationship Management; Branding and Product Management & Commercialisation; Research Thesis.

Admission Requirements: An undergraduate degree with a minimum 2:2 or equivalent in business management and/or marketing, or a degree in business management and/or marketing or an appropriate professional business qualification and at least 2 years relevant professional experience/responsibility.

Course Webpage: [shortened as] https://bit.ly/1ie36y1

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://bit.ly/2OH0oBe.

M10   MSc in Business Management*   MU

Study Location: Maynooth University

Course Duration: 1 year

Course Outline: This programme provides key business insights and career management skills to both non-Business graduates and experienced professionals who do not have an undergraduate degree. Through its course content and programme delivery, students access leading business ideas and skills and work alongside managers in the workplace to apply management theory, research, and design business solutions.

Indicative Content: International Business; People, Organisation and Society; Strategic Management; Career Planning and Development; Global Operations and Supply Chain Management; Marketing; Financial Management; Actionable Insights Through Research; Placement Project.

Admission Requirements: The MSc in Business Management is designed for candidates who do not have a previous Business qualification. Candidates should have a minimum 2.2 grade, honours degree in a non-Business discipline or equivalent.

IELTS: Minimum 6.5 overall score required, with a minimum score of 6.0 in reading and writing.

Course Webpage: [shortened as] https://bit.ly/2wWRIhZ

Application: **PAC Code: MH52D**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

M11   MSc in Strategy and Innovation*   MU

Study Location: Maynooth University

Course Duration: 1 year

Course 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; Placement Project.

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.

Course Webpage: [shortened as] https://bit.ly/2xaNOlc

Application: **PAC Code: MH54D**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

M12   MSc in Management   NCI

Study Location: National College of Ireland

Course Duration: 1 year

Course Outline: The MSc in Management has been developed to satisfy the demand for courses which combine a strong theoretical foundation with a firm focus on practical application. You will be exposed to the most current schools of thought in disciplines such as international business, finance, marketing, entrepreneurship and strategy. The course also provides a series of elective modules for students to explore other areas of interest or to emphasise their development on a specific area of their choice.

Indicative Content: <u>Core</u> – Managing the Organisation; Financial Management; Marketing Management; Research Methods; International Business; Economics for Management; Strategy for Decision Making; Dissertation. <u>Options</u> – Strategic Management of Human Capital; Commercial Law; Corporate Governance Business Ethics & CSR; Contemporary Issues in Global Finance; Entrepreneurship; Services Marketing; Strategic ICT & eBusiness Implementation; Global Value Chain Management; Management of Innovation & Technology; Doing Business on the Cloud; Strategic Project Management; Employment Law.

Admission Requirements: Minimum of a 2:2 honours degree in either a cognate or non-cognate area

Course Webpage: [shortened as] https://bit.ly/2HkZ2Jq

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

M13   MSc in International Business   NCI

Study Location: National College of Ireland

Course Duration: 1 year

Course 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 course is aimed at anyone following a career path which requires them to step into middle to top management positions in an internationally focused business environment.

Indicative Content: Core – Managing the Organisation; Corporate Governance Business Ethics & CSR; Research Methods; MNEs and the Global Business Environment; Marketing in the Global Environment; Contemporary Issues in Global Finance; Economics for Management; Strategy for Decision Making; Dissertation. Options – Services Marketing; Marketing Management; Strategic Management of Human Capital; Employment Law; Commercial Law; Strategic ICT & eBusiness Implementation; Strategic Project Management; Management of Innovation & Technology; Global Value Chain Management; Doing Business on the Cloud.

Admission Requirements: Minimum of a 2:2 honours degree in either a cognate or non-cognate area.

Course Webpage: [shortened as] https://bit.ly/2SztwO2

Application: Download an application form from www.ncirl.ie/International/How-to-Apply and email to admissions@ncirl.ie.

M14   MSc in Supply Chain Management   TUD

Study Location: Technological University Dublin

Course Duration: 1 year

Course 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: Core – 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. Options – 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.

Course Webpage: [shortened as] http://bit.ly/2xccNp4

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

M15   MSc in International Business   TUD

Study Location: Technological University Dublin

Course Duration: 1 year

Course 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

Course Webpage: [shortened as] https://bit.ly/2OjmBtJ

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

M16   MSc in Digital Innovation*   UCDMS

Study Location: University College Dublin, Michael Smurfit Business School

Course Duration: 1 year

Course Outline: This full time Masters 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 course 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; Skills for Business Enquiry; Managing Strategy and Innovation in a Digital Era; Cultural and Political Perspectives on Managing Technology and Change; Outsourcing and Offshoring; Implementing Digital Projects; Research Project. Options – Knowledge, ICT & Organisation; Global Information Systems; Game Thinking: Games and Play in a Digital World; Economics of IT & Digital Markets. Options from other streams may also be available.

Admission Requirements: A minimum second-class honours 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.

Course Webpage: [shortened as] https://bit.ly/2zbkcIY

Application: Apply online via course webpage.

M17　　MSc in Food Business Strategy*　　　　　　　　　　　　　　　　　　UCDMS

Study Location:　　　　University College Dublin, Michael Smurfit Business School

Course Duration:　　　　1 year

Course Outline: The curriculum has been co-devised by UCD Smurfit School and UCD School of Agriculture and Food Science in order 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: Food Policy; Customer Driven Marketing for the Food Industry; Competitive Strategy in the Global Food Industry; Food Business Innovation; Economics of Food; Supply Chain Management in Global Food Systems; Leadership for Growth in the Food Industry; Group Food Strategy Project.

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.

Course Webpage: [shortened as] http://bit.ly/1jUoBj5

Application: Apply online via course webpage.

M18　　MSc in Project Management*　　　　　　　　　　　　　　　　　　　　UCDMS

Study Location:　　　　University College Dublin, Michael Smurfit Business School

Course Duration:　　　　1 year

Course Outline: This course prepares you for a career in management of projects in different industries and types of organisations. Real-life case examples and group projects are used as examples to reinforce your understanding. You will also be given the opportunity to carry out projects with various types of organisations and experience the reality of achieving the project goals and managing different stakeholders, using the knowledge as well as tools and techniques acquired during the course.

Indicative Content: The Project Management Lifecycle; Projects and Organisational Dynamics; Projects & Organisational Dynamics; Project Scope and Feasibility Evaluation; Procurement and Contract Management; Project Management Tools and Techniques; Research Report.

Admission Requirements: A minimum second-class honours 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 course is usually highly competitive.

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

Course Webpage: [shortened as] https://bit.ly/2JPB6Cf

Application: Apply online via course webpage.

M19   MSc in Strategic Management & Planning*   UCDMS

Study Location: University College Dublin, Michael Smurfit Business School

Course Duration: 1 year

Course Outline: The course content has been designed to equip students with the skills to devise and successfully implement strategic initiatives based upon detailed assessment of the internal and external environments of a company. The course will hone your teamwork and business communication skills by working on real-life business situations to identify and resolve strategic and operational business problems and offer recommendations.

Indicative Content: Core – Economic Foundations of Strategy; Planning and Decision Making Techniques; Behavioural Foundations of Strategy, Planning and Control; Strategic Resource Allocation; Managing the Negotiation Process. Options – Project Management; New Venture Dynamics; Leadership Development Skills; Contemporary Issues in Strategy; Economics of Entrepreneurship; Creativity Innovation & Entrepreneurship; Technology & Innovation Strategy; Mindfulness & Resilience at Work; Technology & Innovation Strategy; Managing, Leading & Coaching Change; The Science of Teams; Cross-Cultural Management; Globalisation & Social Movement; International HRM; Financial Management; SMP Dissertation.

Admission Requirements: A minimum second-class honours degree (or equivalent) in any discipline, or a primary degree (or equivalent) with a minimum of three years' relevant business work experience.

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

Course Webpage: [shortened as] https://bit.ly/2lm7rFB

Application: Apply online via course webpage.

M20   MSc in Supply Chain Management*   UCDMS

Study Location: University College Dublin, Michael Smurfit Business School

Course Duration: 1 year

Course Outline: The course 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: Core – 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. Options – Managing, Leading and Coaching Change; Cross-Cultural Management; Leadership & Team 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.

Course Webpage: [shortened as] https://bit.ly/2M9Sxi8

Application: Apply online via course webpage.

M21   MSc in Project Management*   UL

Study Location: University of Limerick

Course Duration: 1 year

Course Outline: This course 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.

Course webpage: www.ul.ie/graduateschool/course/project-management-msc

Application: Apply online via course webpage.

M22   MA in Business Management*   UL

Study Location: University of Limerick

Course Duration: 1 year

Course Outline: This course 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 <u>other than</u> Business or Commerce related fields, or equivalent.

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

Course Webpage: [shortened as] www.bit.ly/17TW06w

Application: Apply online from the course webpage

N

Information Systems & Communications Technology

N1   MSc in Data Analytics   AIT

Study Location: Athlone Institute of Technology

Course Duration: 1 year

Course Outline: Students will develop their skills in areas including database technologies, data manipulation languages including SQL and the R programming language. In order to understand the data, a range of techniques will be taught, including programming for Big Data, statistics and probabilities and the interpretation of data. Interwoven within these modules is the use of industry-standard data analytics software tools.

Indicative Content: Relational; Programming for Data Analytics; Statistics for Data Analysis; Interpretation of Data; Data Analytics; Advanced Analytics; Research Methods; Data Visualisation; Applied Research Project.

Admission Requirements: An honours degree in Business, Science or Engineering, with a minimum grade of 2.1 (60%), comprising of at least 30 ECTS credits in any combination of maths, computer science or engineering.

Course Webpage: https://www.ait.ie/courses/mscda

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.

N2   MSc in Software Engineering   AIT

Study Location: Athlone Institute of Technology

Course Duration: 1 year

Course 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 course 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 Visualization; 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.

Course Webpage: https://www.ait.ie/courses/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.

N3	MSc in Cybersecurity	CIT

Study Location: Cork Institute of Technology

Course Duration: 1 year

Course 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

Indicative Content: Core - Incident Response and Digital Forensics; Security Management and Law; 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.

Course Webpage: http://www.cit.ie/course/CRKINFS9

Application: Apply online via the course webpage.

N4	MSc in Artificial Intelligence	CIT

Study Location: Cork Institute of Technology

Course Duration: 9 months

Course Outline: This programme 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. The programme content will deliver a comprehensive range of topics integral to the study of AI. 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: Core – Practical Machine Learning; Knowledge Representation; Metaheuristic Optimisation; Big Data Processing; Research Practice & Ethics; Deep Learning; Decision Analytics; Research Project. Options – 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.

Course Webpage: http://www.cit.ie/course/CRKARIN9

Application: Apply online via the course webpage.

N5   MSc in Data Science and Analytics   CIT

Study Location: Cork Institute of Technology

Course Duration: 15 months

Course Outline: In Semester 1, the learner acquires the necessary foundation in Mathematics, Statistics and Computer Science. From Semester 2, the specialisation into the "Big Data" space takes effect, and the learning experience is geared specifically for the realisation of Level 9 programme outcomes. In Semester 3, the learner undertakes a 30 credit capstone project module, in which they apply the knowledge, skills and competences acquired in the taught modules to the research and development of a Data Science problem, and successfully complete the project in accordance with a project plan.

Indicative Content: Data Science and Analytics; Mathematical Methods and Modelling; Data Management Systems; Unstructured Data & Visualisation; Analytical and Scientific Programming; Applied Stats & Probability; Statistical Data Analysis; Data Visualisation & Analytics; Distributed Data Management; Time Series & Factor Analysis; Applied Machine Learning; Research Methods; Research Project.

Admission Requirements: A minimum 2:1 honours degree. Alternatively, graduates with a 2:2 Honours degree will be considered, subject to having three years relevant experience.

Course Webpage: http://www.cit.ie/course/CRSDAAN9

Application: Apply online via the course webpage.

N6   MSc in Information Systems with Computing   DBS

Study Location: Dublin Business School

Course Duration: 1 year

Course 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; Web and Mobile Technologies; Personal and Professional Development; Research Methods I and II; Data and Data Analytics; Computer Systems Security; Enterprise Information Systems; 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.

Course Webpage: [shortened as] https://bit.ly/2npEG9q

Application: Apply online via the course webpage.

N7   MSc in Computing   GCD

Study Location: Griffith College Dublin

Course Duration: 1 year

Course Outline: The Master of Science has been designed to give students an insight into the world of academic and industrial computing research. Students will also develop the skills to carry out innovative work and will gain the ability to research and mater technical issues, to analyse and present findings coherently, and to document their work in a professional manner.

Indicative Content: Algorithm Design and Analysis; Cloud Computing; Concurrent and Parallel Programming; Communication Security; Dissertation/Dissertation by Practice; Information Retrieval and Web Search; New and Emerging Technologies; Research Methods; Telecommunications and Network Services; Dissertation.

Admission Requirements: Candidates applying for this course 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.

Course Webpage: [shortened as] http://bit.ly/2xiSCoA

Application: Apply via the course webpage.

N8   MSc in Network and Information Security   GCL

Study Location: Griffith College Limerick

Course Duration: 1 year

Course 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 course should have a 2:2 honours degree in Computing Science.

Course Webpage: [shortened as] http://bit.ly/2wp5KMw

Application: Apply via the course webpage.

N9	MSc in Data Science	ITC

Study Location: Institute of Technology, Carlow

Course Duration: 1 year

Course 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.

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: An undergraduate degree with a minimum 2:2 or equivalent in computer science or mathematical sciences, or another area with a strong numerate content (e.g. engineering, finance, physics, biosciences or economics).

Course Webpage: [shortened as] https://bit.ly/2vSH0dz

Application: Apply directly to the International Office by emailing noneuapply@itcarlow.ie with an *IT Carlow Non-EU Application Form*, which is available for download at https://bit.ly/2vSovWB.

N10	MSc in Information Technology Management	ITC

Study Location: Institute of Technology, Carlow

Course Duration: 1 year

Course Outline: 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 in areas such as IT management, leadership strategies and techniques, IT related project management and tools, operational and resource management of data and information systems, and data security.

Indicative Content: Leadership & Strategy; Innovation Management; Technology Integration; Project Management; Information Security Management; Data & Information Systems Management; Vendor & Service Management; Dissertation; Research Methods.

Admission Requirements: An undergraduate degree with a minimum 2:2 or equivalent in Computer Science or Electronic Engineering.

Course Webpage: [shortened as] https://bit.ly/2wd1GMz

Application: Apply directly to the International Office by emailing noneuapply@itcarlow.ie with an *IT Carlow Non-EU Application Form*, which is available for download at https://bit.ly/2vSovWB.

N11   MSc in IT-Enabled Innovation*   MU

Study Location: Maynooth University

Course Duration: 1 year

Course Outline: The MSc in IT-Enabled Innovation is aimed at both Business and non-Business graduates**.** This course 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; Placement Project.

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.

Course Webpage: [shortened as] https://bit.ly/2BBqNin

Application: **PAC Code: MH84D**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

N12   MSc in Computer Science (Software Engineering)   MU

Study Location: Maynooth University

Course Duration: 1 year

Course Outline: The Master of Science in Software Engineering degree at Maynooth University exposes graduates in Computer Science and related disciplines to the many facets of this complex area – the technical, the methodological, the organisational – so that successful participants will subsequently be able to lead major projects in software engineering in many industrial and commercial sectors.

Indicative Content: Core – Advanced Concepts in Object-Oriented Programming; Rigorous Software Process; The Mathematics & Theory of Computer Science; Project. Options – Requirements Engineering & System Design; Software Testing; Practical Cryptography; Databases; Interaction Design; Internet Solutions Engineering.

Admission Requirements: An honours degree in Computer Science or a closely related discipline, containing significant Computer Science content. An average grade of at least 60% (equivalent to a 2:1) or above.

Course Webpage: [shortened as] https://bit.ly/2BDyOmH

Application: **PAC Code: MHG50**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

N13	MSc in Data Analytics	NCI

Study Location:　　　　National College of Ireland

Course Duration:　　　　1 year

This course requires that all students have their own laptop, with minimum specifications outlined on the course webpage. Students must provide their own laptop that meets these minimum specifications. Laptops are not provided under Ireland's Fellowship Programme.

Course Outline: The course structure accommodates a wide audience of learners whose specific interests in data analytics may be either technically focused or business focused. All students will also gain exposure to pertinent legal issues and product commercialisation considerations associated with the data analytics field. The course will be delivered using academic research, industry-defined practical problems, and case studies.

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 honours degree in a cognate area.

Course 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.

N14	MSc in Information Systems Management*	NUIG

Study Location:　　　　NUI Galway

Course Duration:　　　　1 year

Course Outline: A variety of sought-after technical skills are covered in this course, using leading-edge industry software. Students gain practical knowledge of business system analysis and design; project management; database design; applications development and the business context of IS development and management. The teaching approach places a strong emphasis on hands-on-skills and problem-based learning.

Indicative Content: Core – Web Design and Development; Interactive Systems Design; Business Data Communications; Systems Development and Project Management; Database Systems; Business Applications Programming; Information Systems Management; Information Systems Strategy and Innovation; Applied Systems Analysis; Project. Options – Information Systems Innovation; Information Systems Security and Ethics; Decision Systems and Business Analytics; Advanced Applications Programming.

Admission Requirements: Normally a Second Class Honours Bachelor's Degree (or equivalent). Successful applicants will come from a variety of academic and professional backgrounds with prior exposure to information technology and/or business.

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

Course Webpage: [shortened as] http://bit.ly/2bLE6jt

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

N15   MSc in Computer Science (Future Networked Systems)*   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: This programme deals with how things become smart and connected as software systems are more and more embedded in our everyday environments, from mobile social networking to managing city resources such as road traffic. Dealing with such large-scale, cyber-physical and distributed systems requires novel approaches that address timeliness, safety, privacy and scale challenges.

Indicative Content: Machine Learning; Research Methods; Innovation; Scalable Computing; Urban Computing; Security & Privacy; Advanced Software Engineering; Distributed Systems; Internet of Things; Next Generation Networks; 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 with no section less than 6.0.

Course Webpage: [shortened as] http://bit.ly/2x5PqNS

Application: Apply online via course webpage

N16   MSc in Computer Science (Intelligent Systems)   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course 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 course 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.

Course Webpage: [shortened as] http://bit.ly/2x5AK1b

Application: Apply online via course webpage

N17   MSc in Computer Science (Data Science)   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: This programme combines statistics, cloud and security technologies with data management. It covers all key aspects of the field: how to securely store and manage data, how to visualise and analyse at scale and how to use analysis to make decisions. Graduates of this strand will be equipped to tackle the huge challenges and opportunities that the big-data revolution is bringing to all aspects of life; in IT, health, transport, science and engineering to name but a few.

Indicative Content: Machine Learning; Data Analytics; Research Methods; Innovation; Scalable Computing; Optimisation Algorithms for Data Analysis; Applied Statistical Modelling; Data Visualisation; Security & Privacy; 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.

Course Webpage: [shortened as] http://bit.ly/2fZ0Qyy

Application: Apply online via course webpage

N18   MSc in Computer Science (Augmented & Virtual Reality)   TCD

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: This programme equips students with the theoretical and practical knowledge to enable them to participate in the design and development of the technology that underpins fast moving video game market as well as providing transferable skills relevant for careers in the wider industries of interactive entertainment, new media and communication.

Indicative Content: Core – Machine Learning; Research Methods; Innovation; Computer Vision; Mathematics of Light & Sound; Real-Time Rendering; Augmented Reality; Real-Time Animation; Advanced Software Engineering; Dissertation. Options – Computer Graphics; Digital Media Systems.

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.

Course Webpage: [shortened as] https://bit.ly/2MuPxKc

Application: Apply online via course webpage

N19   MSc in Computing (Data Analytics)*   **TUD**

Study Location: Technological University Dublin

Course Duration: 1 year

Course Outline: This programme is designed to create hybrid technologists to work in the growing and important area of data analytics. Data analytics is the science of extracting actionable insight from large amounts of raw data. Hybrid technologists are graduates equipped with deep technical skills (in data management, data mining, probability and statistics, and machine learning), but also with the softer skills (in communications, research and problem solving) required to work effectively within organisations.

Indicative Content: Core - Probability & Statistical Inference; Machine Learning; & Database Design for Data Analytics; Data Management; Data Mining; Visualisation; Problem Solving, Communication and Innovation; Case Studies in Computing; Research Writing & Scientific Literature; Methods and Proposal Writing. Options - Geographic Information Systems; Spatial Databases; Ubiquitous Computing; Universal Design; Man and Machine; Bioinformatics; Programming for Big Data.

Admission Requirements: Minimum 2.1 honours degree (or 2.2 with at least 2 years of relevant work experience) in Computer Science, Mathematics or other suitably numerate discipline with computing as a significant component.

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

Course Webpage: [shortened as] http://bit.ly/2a6jTA4

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

N20   MSc in Computing (Advanced Software Development)*   **TUD**

Study Location: Technological University Dublin

Course Duration: 1 year

Course Outline: This programme aims to produce graduates with the knowledge and skills to develop the complex software solutions that organizations need to compete in the emerging global digital economy. The target audience is those with an undergraduate qualification in computer science or software development. Students will study advanced technical modules in programming, design, databases, architecture and web development to acquire the advanced technical skills needed to practice as software developers working on leading edge development projects. In addition students will be equipped with key professional, technical communications skills needed to practice as a professional in the computing industry.

Indicative Content: Core - Probability & Statistical Inference; Machine Learning; & Database Design for Data Analytics; Data Management; Data Mining; Visualisation; Problem Solving, Communication and Innovation; Case Studies in Computing; Research Writing & Scientific Literature; Methods and Proposal Writing. Options – Geographic Information Systems; Spatial Databases; Ubiquitous Computing; Universal Design; Man and Machine; Bioinformatics; Programming for Big Data.

Admission Requirements: Minimum 2.1 honours degree (or 2.2 with at least 2 years of relevant work experience) in Computer Science, Mathematics or other suitably numerate discipline with computing as a significant component.

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

Course Webpage: [shortened as] http://bit.ly/2dMrYvy

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

N21	MSc in Information Systems for Business Performance*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: This course 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; Data 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 degree or higher, except graduates from degrees with high levels of software development content (e.g. business information systems, computer science, etc.).

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

Course Webpage: www.ucc.ie/en/ckl18

Application: **PAC Code: CKL18**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

N22	MSc in Computer Science (Interactive Media)*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course Outline: The broad aim of the course 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 course, 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; 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 courses of study and the content of this course.

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

Course Webpage: www.ucc.ie/en/ckr05

Application: **PAC Code: CKRO5**
Apply online via The Postgraduate Applications Centre (PAC) – www.pac.ie – using the PAC application code shown above.

N23	MSc in Computing Science*	UCC

Study Location: University College Cork

Course Duration: 1 year

Course 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: Core – Case Studies in Computing Entrepreneurship; Large-Scale Application Development and Integration; Database Technology; Information Storage and Retrieval; Project Development Skills; Dissertation in Computing Science. Options - Mobile Devices and Systems; Mobile Applications Design; Formal Methods for Distributed Systems; Model-Based Software Development; Optimisation; Services and Mobile Middleware; Multimedia Technology in Mobile Networks; Analysis of Networks and Complex Systems; Network Security; Data Mining.

Admission Requirements: Second class honours (2.2 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.

Course Webpage: http://www.ucc.ie/en/ckr40/

Application: **PAC Code: CKR40**
Apply online via The Postgraduate Applications Centre – (PAC) – www.pac.ie – using the PAC application code above.

Study Location: University of Limerick

Course Duration: 1 year

Course 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 course admission team that he/she has the ability to complete and benefit from this course.

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

Course Webpage: [shortened as] https://bit.ly/2Q7emhj

Application: Apply online via course webpage**.**

O

Tourism

O1	MSc in Tourism Management	TUD

Study Location: Technological University Dublin

Course Duration: 1 year

Course 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 (including Research Methods).

Admission Requirements: Second class honours degree (2:2 grade) or higher in any discipline.

Course Webpage: [shortened as] http://bit.ly/2dgF8zW

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

O2	MSc in Hospitality Management	TUD

Study Location: Technological University Dublin

Course Duration: 1 year

Course Outline: This globally recognised hospitality programme is one of DIT'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 (including Research Methods).

Admission Requirements: Second class honours degree (2:2 grade) or higher in any discipline.

Course Webpage: [shortened as] http://bit.ly/2dMzHc7

Application: Apply via the 'Non-EU Sept Intake' button on the course webpage.

Study Location: University of Limerick

Course Duration: 1 year

Course 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. Research skills are developed through dedicated methodology modules leading to the completion of a dissertation on a chosen topic in tourism. An innovative and integral part of this course is an international field trip which all students undertake.

Indicative Content: Tourism Principle and Practice; Economics of Tourism; Tourism Services Marketing; 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.

Course Webpage: [shortened as] http://bit.ly/UJx6Gw

Application: Apply online via the course webpage.

P

Other courses

P1   MA in Public Relations with New Media   CIT

Study Location: Cork Institute of Technology

Course Duration: 1 year

Course 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: Core – 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. Options – Brand Management; Digital Marketing Environment; Event & Project Management; Media Law, Ethics & Professional Practice; Enterprise and Innovation.

Admission Requirements: A minimum 2:2 honours degree. Admission to the course will be on the basis of interview.

Course Webpage: http://www.cit.ie/course/CRBPRNM9

Application: Apply online via the course webpage.

P2   MA in Creative Practice*   GMIT

Study Location: Galway-Mayo Institute of Technology

Course Duration: 1 year

Course Outline: The course 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. Due to Irish Aid requirements, fellowship/scholarship applicants must achieve a minimum 6.5 overall with no section less than 6.0.

Course Webpage: [shortened as] http://bit.ly/2x1dDXy

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

Study Location: Trinity College Dublin

Course Duration: 1 year

Course Outline: The M.Sc. course 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 course 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.

Course Webpage: [shortened as] https://bit.ly/2JO9Xxv

Application: Apply online via course webpage