Government of Ireland
International Development Programme

Ireland Fellows Programme

2026-2027 Directory of Eligible Postgraduate Programmes in Irish Higher Education Institutions

Important Information for Applicants

ABOUT THIS DIRECTORY

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

On your application form, you are required to identify the *specific* postgraduate programme(s) in order of preference, which 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 programmes provided by institutions at the time of publishing this directory may be subject to change. **Before preparing or submitting an application, you are advised to check all details with the online information provided by the college. You should particularly ensure that you meet all eligibility requirements for the selected programme(s).** It is also important that you research the institution(s) you propose to study at to ensure that it is a good fit for you and will meet your expectations.

Applicants shortlisted as a **Candidate** following interview, whose applications, documentation and English language certificate have been verified and are in order, will be provided with information on making programme applications to Higher Education Institutions (HEIs) in March 2026. Applications **should not** be made to HEIs in Ireland until invited to do so. Application fees will be paid by the Department of Foreign Affairs for shortlisted Candidates. Reimbursements will not be made where a shortlisted candidate applies for a programme before being formally invited to do so.

FELLOWSHIP STRANDS INCLUDED

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

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

PROGRAMME SELECTION

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

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

When Candidates are formally invited to apply to HEIs in Ireland, priority will be given to their choices in the order they have listed them in their application. Candidates will be invited to apply to **two** programmes, and where possible, priority will be given to the top 2 programmes listed. In the case of more than one offer being received from their programme choices, all candidates will be required, for logistical reasons, to accept the programme which they have ranked highest within their application. It is therefore very important to carefully consider the order in which you list the programmes on your application form.

Programme place offers are entirely at the discretion of the HEIs in Ireland. If a Candidate does not receive an offer from either of their two HEI applications, their Fellowship application will have concluded.

WEB ADDRESSES

Throughout the listings, many long web addresses for programme information have been shortened, for example: www.bit.ly/qEdRCn. This format allows for easier transcription, if required. Any capitalisation should be noted accurately as these shortened addresses are case-sensitive. While every effort has been taken to ensure all website links work, these links may change after the publication of the directory, but all programmes can be found by going directly to the institution's website.

ENGLISH LANGUAGE PROFICIENCY

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

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

PROGRAMMES THAT INCLUDE INTERNATIONAL FIELD TRIPS

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

KEY TO IRISH UNIVERSITIES, TECHNOLOGICAL UNIVERSITIES AND COLLEGES WITH LISTED PROGRAMMES

ATU	Atlantic Technological University	Galway/Sligo/Letterkenny	www.atu.ie
DBS	Dublin Business School	Dublin	www.dbs.ie
DCU	Dublin City University	Dublin	www.dcu.ie
GC	Griffith College	Dublin/Cork/Limerick	www.griffith.ie
IC	Independent College	Dublin	www.independentcollege.ie
MIC	Mary Immaculate College	Limerick	www.mic.ie
MTU	Munster Technological University	Cork/Kerry	www.mtu.ie
MU	Maynooth University	near Dublin	www.maynoothuniversity.ie
NCAD	National College of Art and Design	Dublin	www.ncad.ie
NCI	National College of Ireland	Dublin	www.ncirl.ie
RCSI	Royal College of Surgeons in Ireland	Dublin	www.rcsi.com
SETU	South East Technological University	Waterford/Carlow	www.setu.ie
TCD	Trinity College Dublin	Dublin	www.tcd.ie
TUD	Technological University Dublin	Dublin	www.tudublin.ie
TUS	Technological University of the Shannon	Athlone/Limerick	www.tus.ie
UCC	University College Cork	Cork	www.ucc.ie
UCD	University College Dublin UCD Michael Smurfit Business School	Dublin	www.ucd.ie www.smurfitschool.ie
UG	University of Galway	Galway	www.universityofgalway.ie
UL	University of Limerick	Limerick	www.ul.ie

Map of Ireland

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

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

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

Not available to the following applicants: Eswatini, Namibia, *Latin America: Roger Casement Award, Latin America: Cecilia Grierson Award*

A41	MSc in Sustainable Finance	UCD
A42	MSc in Sustainable Supply Chain Management	UCD
A43	MSc in Urban Design & Planning	UCD
A44	MSc in Wildlife Conservation & Management	UCD
A45	MSc in World Heritage Management and Conservation	UCD

B   Engineering and Sustainable Technology

Not available to the following applicants: Eswatini, Namibia, *Latin America: Roger Casement Award*

B01	MEng in Applied Materials	SETU
B02	MEngSc in Chemical Engineering	UCD
B03	ME in Civil Engineering (Sustainable Infrastructure)	TUD
B04	MEngSc in Electrical and Electronic Engineering	UCC
B05	MEngSc in Electrical Power Networks	UCD
B06	MSc in Electronic and Communications Engineering	TUD
B07	Msc in Energy Management	TUD
B08	MSc in Energy Science	TCD
B09	MSc in Energy Science and Engineering	UL
B10	MSc in Engineering	TCD
B11	MSc in Environmental Technology	UCD
B12	MEngSc in Industrial Biotechnology and Biomanufacturing	UCC
B13	MSc in Innovative Technology Engineering	SETU
B14	MEngSc in Materials Science and Engineering	UCD
B15	MEng in Mechanical and Manufacturing Engineering	DCU
B16	MSc in Mechanical Engineering	TCD
B17	MEng in Mechanical Engineering	TUD
B18	MEngSc in Mechanical Engineering (Manufacturing, Process & Automation Systems)	UCC
B19	MSc in MSc in Product Design Control (Medical Device)	TUS
B20	MSc in Robotics and Embedded AI	MU
B21	MEng in Robotics and Intelligent Manufacturing	UCD
B22	MEngSc in Structural Engineering	UCD
B23	ME in Sustainable Electrical Energy Systems	TUD
B24	MEngSc in Sustainable Energy	UCC
B25	MSc in Sustainable Energy and Green Technologies	UCD
B26	MSc in Sustainable Energy Engineering	SETU
B27	MEngSc in Water Waste and Environmental Engineering	UCD

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

Not available to the following applicants: Eswatini, *Latin America: Cecilia Grierson Award*

C01	MSc in Ageing and Public Policy	UG
C02	MA in Applied Linguistics and Intercultural Studies	MU
C03	MSc in Applied Multilingualism	UG
C04	MSc in Development Practice	TCD
C05	MSc in Economics – International Development	TCD
C06	MA in Environment, Society and Development	UG
C07	MA in Geopolitics & the Global Economy	UCD
C08	MA in Global History	UCD

C09	MSc in Government and Politics	UCC
C10	MSc in Human Rights	UCD
C11	MSc in Humanitarian Action	UCD
C12	MA in International Development	UCD
C13	MA in International Development	MU
C14	MSc in International Development	UCD
C15	MA in International Development Practice	UG
C16	MPhil in International Peace Studies	TCD
C17	MA in International Peacebuilding, Security and Development	MU
C18	MSc in International Politics	TCD
C19	MSc in International Public Policy and Diplomacy	UCC
C20	MA in International Relations	UCC
C21	MA in International Relations	DCU
C22	MA in International Security and Conflict Studies	DCU
C23	MA in International Studies	UL
C24	MA in Journalism	UG
C25	MA in Journalism & International Affairs	UCD
C26	MA in Migration, Mobility & Culture	UCC
C27	MSc in Peace and Conflict	UCD
C28	MA in Peace and Conflict	UCD
C29	MA in Peace and Development Studies	UL
C30	MA in Public Advocacy and Activism	UG
C31	MA in Public Affairs and Political Communication	TUD
C32	MA in Public Policy	UG
C33	MSc in Public Policy	DCU
C34	MPhil in Race, Ethnicity and Conflict	TCD
C35	MA in Refugee Integration	DCU
C36	MSc in Sustainable Development	TUD

| **D** | **International Law, Human Rights Law, Business Law** | |

Not available to the following applicants: Eswatini, *Latin America: Cecilia Grierson Award*

D01	LLM in Alternative Dispute Resolutions	UCC
D02	LLM in Business Law	UCC
D03	MA in Criminology	TUD
D04	LLM in Criminology, Criminal Justice and Human Rights	UG
D05	LLM in Gender and Human Rights: Law and Policy	UG
D06	LLM in Global Legal Studies	MU
D07	LLM/MA in Human Rights in Criminal Justice	UL
D08	LLM in International and Comparative Disability Law and Policy	UG
D09	LLM in International and Comparative Law	TCD
D10	LLM in International Business Law	MU
D11	LLM in International Commercial Law	GC
D12	LLM in International Criminal Justice	GC
D13	LLM in International Criminal Law	UG
D14	LLM in International Human Rights	UG
D15	LLM in International Human Rights Law	DCU
D16	LLM in International Human Rights Law	GC

D17	LLM in International Human Rights Law and Public Policy	UCC
D18	LLM in International Justice	MU
D19	LLM in International Law	GC
D20	MSc in International Law and Business	UCD
D21	LLM in International Migration and Refugee Law and Policy	UG
D22	LLM in Marine and Maritime Law	UCC
D23	MA in Media & International Conflict	UCD
D24	LLM in Peace Operations, Humanitarian Law and Conflict	UG
D25	LLM in Transitional Justice, Human Rights and Conflict	UG

E — Health, Medicine, Pharmacy, Biotechnology and related

Not available to the following applicants: Eswatini, Namibia, *Latin America: Roger Casement Award*

E01	MA in Addiction Studies	DBS
E02	MSc in Advanced Synthetic Chemistry	UCD
E03	MSc in Applied Clinical Data Analytics	UG
E04	MSc in Artificial Intelligence for Medicine and Medical Research	UCD
E05	MSc in Behavioural Neuroscience	UCD
E06	MEngSc in Biopharmaceutical Engineering	UCD
E07	MSc in Bioprocessing	ATU
E08	MSc in Cardiovascular and Pulmonary Rehabilitation	UG
E09	MSc in Cellular Manufacturing and Therapy	UG
E10	MSc in Cheminformatics and Toxicology	UG
E11	MSc in Clinical and Diagnostic Biochemistry	UCD
E12	MSc in Clinical Research	UG
E13	MSc in Dementia	UCC
E14	Master of Dental Public Health	UCC
E15	MSc in Experimental Physiology	UCD
E16	MSc in Global Health	TCD
E17	MSc in Global Mental Health	TCD
E18	MSc in Health Economics	UG
E19	MSc in Health Policy & Management	TCD
E20	MA in Health Promotion	UG
E21	MSc in Healthcare Informatics	UCD
E22	MSc in Immunology	TCD
E23	Master of Health Sciences in International Healthcare Management (International Stream)	ATU
E24	MSc in International Medical Technologies, Innovation and Development	ATU
E25	MSc in Medical Device Design	NCAD
E26	MSc in Microbiome Science	UCC
E27	MSc in Neuropharmacology	UG
E28	MSc in Nursing (International)	MTU
E29	MSc in Nursing - Advancing Child Health and Wellbeing	TCD
E30	MSc in Occupational Safety & Health	UCD
E31	MSc in Pharmaceutical Regulatory Affairs	SETU
E32	MSc in Pharmaceutical Sciences	TCD
E33	MSc in Precision Medicine	UCD
E34	Master of Public Health	UCC
E35	Master of Public Health	UCD

E36	MSc in Regenerative Medicine	UG
E37	MSc in Technologies and Analytics in Precision Medicine	RCSI
E38	MSc in Toxicology	UG

F Education

Not available to the following applicants: Eswatini, Namibia, *Latin America: Roger Casement Award, Latin America: Cecilia Grierson Award*

F01	MEd in Adult and Community Education	MU
F02	MPhil in Applied Intercultural Communications	TCD
F03	MA in Applied Linguistics	UCC
F04	MA in Applied Linguistics	MIC
F05	MEd in Digital Leadership in Education	MIC
F06	MA in Education	UCD
F07	Master of Education	MIC
F08	Master of Education	MU
F09	Master in Education	TCD
F10	MEd in Education for Sustainability and Global Citizenship	MIC
F11	MA in Leadership in Early Years Education and Care	SETU

G Sociology, Social Policy, Social Research and related

Not available to the following applicants: Eswatini, Namibia, *Latin America: Roger Casement Award, Latin America: Cecilia Grierson Award*

G01	MA in Anthropology	MU
G02	MSc in Applied Social Research	TCD
G03	MA in Child, Family and Community Studies	TUD
G04	MA in Child, Youth and Community	UG
G05	MA in Child, Youth and Family Studies	SETU
G06	MSc in Comparative Social Change	UCD
G07	MSc in Criminology and Criminal Justice	UCD
G08	LLM in Criminology and Criminal Justice	UCD
G09	MSc in CyberPsychology	ATU
G10	MSc in Disability	UCD
G11	MSc in Global Solutions	UCD
G12	MA in Health & Society	UCC
G13	MA in Linguistics & Applied Linguistics	UCD
G14	MSc in Social Data Science	UCD
G15	MA in Social Research	MU
G16	MA in Sociology	UCC
G17	MSc in Sociology and Data Analytics	UL
G18	MA in Sociology of Sustainability & Global Challenges	UCC
G19	MPhil in Speech and Language Processing	TCD

H Women's Studies, Gender Studies and Equality Studies

Not available to the following applicants: Eswatini, Namibia, *Latin America: Cecilia Grierson Award*

| H01 | MA in Critical Geographies: Crises, Climate & Inequality | UCD |

H02	MSc in Equality Studies	UCD
H03	MA in Gender Studies	UCD
H04	MA in Gender, Globalisation and Rights	UG
H05	MA in Gender, Politics and International Relations	UCD
H06	MA in Gender, Sexuality and Culture	UCD
H07	MSocSc in Welfare & Justice	UCD
H08	MA in Women's Studies	UCC

I — Information Systems, Communications Technology, Digital Media

Not available to the following applicants: Eswatini, Namibia, IFP-Asia, *Latin America: Roger Casement Award*

I01	MSc in Applied Artificial Intelligence	SETU
I02	MSc in Artificial Intelligence	NCI
I03	MSc in Artificial Intelligence	DBS
I04	MSc in Artificial Intelligence for Business	NCI
I05	MSc in Bioinformatics and Computational Biology	UCC
I06	MSc in Business Analytics	UG
I07	MSc in Business Analytics	UCC
I08	MSc in Business Analytics	DBS
I09	MBA in Cloud Computing	DBS
I10	MSc in Cloud Computing	NCI
I11	MSc in Computer Science (Negotiated Learning)	UCD
I12	MSc in Computing (Information Systems Processes)	SETU
I13	MA in Creative Practice	ATU
I14	MSc in Cybersecurity	DBS
I15	MSc in Cybersecurity	NCI
I16	MSc in Cybersecurity Risk Management	UG
I17	MSc in Cybersecurity, Privacy and Trust	SETU
I18	MSc in Data Analytics	DBS
I19	MSc in Data Analytics	NCI
I20	MSc in Data Science	SETU
I21	MSc in Design and Development of Digital Business	UCC
I22	MA in Digital Communications, Podcasting & Video	GC
I23	MPhil in Digital Humanities and Culture	TCD
I24	MSc in Digital Marketing and Analytics	DBS
I25	MSc in Digital Marketing and Analytics	SETU
I26	MSc in Digital Marketing Strategy	MTU
I27	MSc in Digital Media and Marketing	ATU
I28	MEngSc in Electronic & Computer Engineering	UCD
I29	MSc in Electronic Information Engineering	TCD
I30	MSc in Financial Technology (FinTech)	DBS
I31	MSc in FinTech	NCI
I32	MA in Global Media and Communication	UG
I33	MSc in Health Data Science	UG
I34	MSc in Human Computer Interaction	UCD
I35	MSc in Industrial Networks and Cybersecurity	SETU
I36	MSc in Information & Library Management	DBS
I37	MSc in Information Systems Management	UG

I38	MSc in Information Systems with Computing	DBS
I39	MSc in Information Technology Management	SETU
I40	MA in Interaction Design	NCAD
I41	MSc in Interactive Digital Media	GC
I42	MSc in IT-Enabled Innovation	MU
I43	MA in Journalism & Digital Communications	GC
I44	Master of Library & Information Studies	UCD
I45	MA in Media Studies	MIC
I46	MSc in Network and Information Security	GC
I47	MSc in Open Data Practice	NCI
I48	MA in Political Communication	DCU
I49	MA in Public Relations & Digital Communications	GC
I50	MA in Public Relations with New Media	MTU

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

Not available to the following applicants: Namibia, *Latin America: Roger Casement Award, Latin America: Cecilia Grierson Award*

J01	MSc in Accounting	NCI
J02	MA in Accounting	TUS
J03	MSc in Applied Economics	UCD
J04	MSc in Artificial Intelligence for Business	TUS
J05	MSc in Behavioural Economics	UCD
J06	Master of Business (Economics and Finance Stream)	SETU
J07	Master of Business (Management Stream)	SETU
J08	Master of Business Administration	DBS
J09	MSc in Business Analytics for Decisions Makers	NCI
J10	MSc in Business Economics	UCC
J11	MA in Business Management	UL
J12	MSc in Digital and Content Marketing	TUD
J13	MSc in Digital Innovation	UCD
J14	MSc in Digital Marketing	DCU
J15	MSc in Digital Marketing	UG
J16	MSc in Digital Marketing	MU
J17	MA in Dispute Resolution	IC
J18	MSc in Economics	MU
J19	MSc in Economics & Data Analytics	UCD
J20	MSc in Economics and Policy Analysis	UL
J21	MSc in Finance	NCI
J22	MSc in Finance	TCD
J23	MSc in Finance (Banking and Risk Management)	UCC
J24	MSc in Financial Analytics	DBS
J25	MSc in Financial and Computational Mathematics	UCC
J26	MA in Global Business Practice	MTU
J27	MA in Human Resource Management	NCI
J28	MSc in Human Resource Management	DBS
J29	MSc in Human Resource Management	UCC
J30	MSc in Information Systems for Business Performance	UCC

J31	MSc in International Accounting and Analytics	UG
J32	MSc in International Accounting and Finance	DBS
J33	MBus in International and Sustainable Business Strategy	TUS
J34	MSc in International Business	NCI
J35	MSc in International Business	MTU
J36	MSc in International Sustainable Business	UCC
J37	MSc in Management	NCI
J38	MSc in Management (Business)	DCU
J39	MSc in Management (Operations and Supply Chain)	DCU
J40	MSc in Management and Sustainability	UG
J41	MSc in Management Practice	DBS
J42	MSc in Marketing	DBS
J43	MSc in Marketing	NCI
J44	MSc in Marketing and Retail Innovation	UCD
J45	MSc in Project Management	UCD
J46	MSc in Project Management	UL
J47	MSc in Sports Management	UCD
J48	MA in Strategic Health and Wellbeing Leadership	TUS
J49	MSc in Strategic Management	UCD
J50	MSc in Strategic Management	TUD
J51	MSc in Supply Chain Management	SETU
J52	MSc in Trading and Investing	DBS

| **K** | **Food Science, Food Engineering and Food Industry** | |

Not available to the following applicants: Eswatini, Namibia, *Latin America: Roger Casement Award*

K01	MSc in Culinary Innovation and Food Product Development	TUD
K02	MSc in Food Business and Innovation	UCC
K03	MSc in Food Business Strategy	UCD
K04	MEngSc in Food Engineering	UCD
K05	MSc in Food Microbiology	UCC
K06	MSc in Food Science	UCC
K07	MSc in Food Science with Nutrition	UCD
K08	MSc in Horticulture	UCD

| **L** | **Tourism and Hospitality** | |

Not available to the following applicants: Namibia, *Latin America: Roger Casement Award, Latin America: Cecilia Grierson Award*

L01	MSc in Business and Hospitality	UG
L02	MSc in Global Hospitality Management and Intercultural Communication	UG
L03	MSc in Hospitality Management	TUD
L04	MSc in Hospitality Performance, Revenue and Asset Management	UG
L05	MSc in Tourism Management	TUD

A

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

A01   MAgrSc in Agricultural Extension and Innovation   UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Agricultural Extension and Innovation is a one-year full-time based in UCD and is focused on meeting the needs of those who are interested in developing careers in advisory, consultancy or education services in the public, private or non-governmental sector. This MSc will equip graduates with the skills and knowledge to understand more about the processes of learning that underpin change and development and to be effective in building the capacity of farmers to adopt new practices and technologies. Students will develop competencies in: analysis of the context of agricultural change; design and development of appropriate advisory strategies to support agricultural development; how to support adult learning and behaviour change and research and analytical skills to identify and support worthwhile innovations.

Indicative Content: Core - Research Methods Part I; Agricultural Extension & Innovation; Understanding the Family Farm Business; Research Methods Part II; Behaviour Change in Agriculture; Group Approaches for Agricultural Extension; Design Thinking for Agricultural Innovation; Minor Thesis (Ext & Innovation). Options - Dairy Production; Sustainable Agriculture; Community-Led Local Development; Agricultural Education; Project Management in Agricultural Extension; Farm Diversification and Land Use Change; Developments in Crop Production & Utilization; How to Change Behaviour.

Admission Requirements: Applicants must hold the equivalent of a minimum Lower Second Class Honours Degree (NFQ Level 8), or international equivalent, in a range of academic qualifications including Agricultural Science, Life Science and Business Degree programmes from a recognised higher education institution.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=D049

Application: Apply online via the programme webpage.

A02   MSc in AgriFood Sustainability & Technology   UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: Graduates of the MSc (AgriFood Sustainability & Technology) will fill a critical skills gap in the workplace for graduates who have the multidisciplinary knowledge and skills regarding agrifood sustainability and innovation to drive positive change in the agrifood sector in Ireland and globally. Graduates will be provided with significant career training throughout the program so that they will be highly competitive for positions in leading-edge agrifood companies and public sector organisations (e.g., government agencies, regulatory bodies, etc) in Ireland and globally. Graduates who are interested in establishing their own enterprises or companies will also be facilitated by the MSc (AgriFood Sustainability & Technology) programme. The programme is run in collaboration with leading agrifood partners from Ireland and internationally.

Indicative Content: Understanding Ireland's Agriculture & AgriFood Sector; AgriFood Sustainability & Agri-Resilience Challenges; Understanding AgriBusiness & AgriFood Market Trends; AgriFood Career, Communication & Impact Pathway Skills; Food Systems, Diets, Nutrition & Technology; Designing and Writing a Sustainability Research Fellowship Proposal; One Health; AgriEngineering, Agritech & AgriInformatics; Geospatial Analysis and Remote Sensing; Data Analysis for Sustainability Research.

Admission Requirements: A Level 8 honours degree or equivalent to a minimum standard of Second Class Honours, Grade 2 or equivalent in an appropriate discipline is required.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/43CdAzh

Application: Apply online via the programme webpage.

A03	MSc in Applied Coastal and Marine Management	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: Applied Coastal & Marine Management focuses on the science (including the social sciences) of Coastal and Marine management and policy-making today. Designed and presented in close collaboration with the state-of-the-art Beaufort Institute and the University's Coastal and Marine Research Centre, the programme is designed to give our students professional competency to make sound, scientifically-informed, strategic, and operational decisions regarding sustainable governance, use and protection of coastal and marine environments.

Indicative Content: Introduction to Geographical Information Systems; Introduction to Remote Sensing; Coastal and Marine Processes; Coastal and Marine Resource Use Practices; Spatial Ecology and GIS; Natural and Anthropogenic Coastal Hazards; Introduction to Coastal and Marine Governance; Applied Seafloor Mapping; Offshore Wind Energy; Research Dissertation in Applied Coastal and Marine Management.

Admission Requirements: A primary degree to at least a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) from a recognized 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 or Social Sciences, who have a demonstrable interest and/or experience in coastal and marine management, and who can offer sufficient numerical abilities.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

A04	MSc in Applied Environmental Geoscience	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc Applied Environmental Geoscience programme will provide you with comprehensive training in the theory and practice of environmental geoscience. This multidisciplinary vocational programme equips graduates for careers in scientific, engineering, and environmental consultancies, water resources management, raw materials, regulatory agencies, as well as research in Ireland and further afield. Our course content is regularly reviewed by a panel of industry advisors from a range of local and international geoscience practice areas in order to meet the ongoing needs of the geoscience sector.

Indicative Content: Principles of Environmental Assessment and Monitoring; Hydrogeology, Contaminated Land and Assessment; Engineering Geology; Environmental Planning and Regulation; Offshore Environmental Geology; Applied Geophysics; Geoinformatics for Environmental Geology; Applied Hydrogeology Skills; Applied Geotechnical Skills; Applied Environmental Geology Research Project.

Admission Requirements: Applicants must hold at least a Second Class Honours Grade II in a primary honours degree (NFQ Level 8) or equivalent in a Geology/Geoscience/Geography/Earth Sciences/Civil Engineering/Environmental Sciences area.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckr53/

Application: Apply online via the programme webpage.

A05	MSc in Applied Marine Conservation	ATU

Study Location: Atlantic Technological University (ATU Galway Dublin Road campus)

Programme Duration: 12 months

Programme Outline: This one-year MSc degree focuses on core and specialist competences in key themes of fisheries, marine conservation; sustainability and ecosystem based management. Teaching by research-active staff working in the field of applied marine conservation with particular interest in fisheries, marine mammals and seabirds. Includes fieldwork, practicals and 100% continuous assessment.

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; Seabird and Marine Mammal Population Assessment Techniques; Life History Strategies and Trade-Offs; Research Thesis.

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 5.5.

Programme Webpage: https://www.atu.ie/courses/master-of-science-applied-marine-conservation

Application: Apply online via the programme webpage.

A06	MSc in Architecture, Urbanism & Climate Action	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Urban environments and their buildings are placing unprecedented stress on earth system processes, while simultaneously being critical sites for climate action. The MSc in Architecture, Urbanism and Climate Action (MAUCA) programme equips graduates and returning professionals with specialist skills to respond to the challenge of planning, designing, and realising a resilient and sustainable built environment. The School of Architecture, Planning and Environmental Policy (APEP) brings together four key disciplines to provide a unique graduate learning experience.

Indicative Content: Core - Architecture in a Climate Emergency; Climate Carbon Cities Change; Geodesign for Urban Futures; Urban Resilience and Ethics; Research for Environmental Pol. Options - Realising Built Projects; Street Life: Urban Design, an Introduction; Postgraduate Studio; Retrofit Existing Buildings; Energy System & Sustainable Environments; Environmental Economics & Climate Policy; GIS Principles and Applications; Practical Environmental Assessment; Remote Sensing; Urban and Regional Development; Planning Institutions & Govern; Carbon & Sustainability; Urban Design Studio; Agency: Design / Build; Air Pollution; Behavioural E'mics:Policy App; Tools for Sust Development; Reimagining Dublin: An Interdisciplinary Exploration in Urban Regeneration; Advanced GIS Applications; Coastal Risks; Climate Change Law and Policy; Conservation and Placemaking; Rural & Landscape Planning; Environment & Sustainability; Planning, Design & Development.

Admission Requirements: An honours undergraduate degree (NFQ level 8) with a minimum upper second class honours or international equivalent in subjects related to the built environment including architecture, urban design, engineering, environmental sciences, or humanity degrees involving social or natural sciences.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T339

Application: Apply online via the programme webpage.

A07	MSc in Climate Change	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MSc in Climate Change at Maynooth University is offered 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 course provides a well-integrated and encompassing programme of taught modules such as, The Ocean and Climate Change, Detection, Attribution and Decision making, Impacts, Adaptation and Mitigation, which reflect the major themes of climate change, together with essential technical training in modelling and analysis and are designed to nurture independent and critical thinking on climate change issues.

Indicative Content: Applied Climate Sciences; Impacts, Adaptation and Mitigation; Analysing Spatial and Temporal Data Using R; Palaeoclimate; The Ocean and Climate Change; Climate Research in Action; Thesis.

Admission Requirements: The basic entry requirement is a degree with 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. Applicants must have a recognised primary degree which is considered equivalent to Irish university primary degree level.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/msc-climate-change

Application: Apply online via the programme webpage.

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The Masters in Climate Change, Agriculture and Food Security (MScCCAFS) programme provides motivated students with cutting-edge knowledge and skills in climate change, agriculture, and food security. 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: an Introduction; Policy & Scenarios for Climate Change Mitigation; AgriBiological Responses to Climate Change; Climate Change, Nutrition and Global Health; Gender & Climate Justice; Climate Change Adaptation & Risk Management; Low-Emissions & Climate-Smart Agriculture & AgriFood Systems; Climate Change, Natural Resources & Livelihoods; Sustainable Bio-Based & Circular Economy; Science Communication; CCAFS Perspectives; Research Skills and Techniques; CCAFS Masters Research Thesis.

Admission Requirements: A Level 8 honours degree or equivalent to a minimum standard of a 2:1 grade or equivalent in an appropriate discipline is required.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/ccafs/

Application: Apply online via the programme webpage.

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: This programme interrogates how societies are responding to climate change, and how that response can be strengthened. It examines the roles played by politics, regulation, law, education and the media in creating the broad societal response demanded by climate change. Students will be equipped with critical insights and analytical skills to enable them to play a part in shaping the transition to a decarbonised and climate resilient future. Most postgraduate programmes focused on climate change are concerned with the science of climate change. DCU's new MSc. in Climate Change: Policy, Media & Society is unique in Ireland in its focus on the social sciences and humanities, on media, policy, law, governance, regulation and politics.

Indicative Content: Core - Climate Change Policy and Governance; Climate Change: The Physical Science Basis; Climate Change and the Media; Research Methodology; Climate Change and Societal Transition; Dissertation / Capstone Project. Options - Climate Change Law; Environmental Change and World Politics; Climate Change and Cities; Political Economy of the Environment; Climate Change Education; Future Generations: Priorities, Policies, Politics.

Admission Requirements: A degree at the level of an Irish or UK 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 overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/43ns4Es

Application: Apply online via the programme webpage.

A10	MA in Climate, Justice & Sustainability	MIC

Study Location: Mary Immaculate College (MIC Limerick campus)

Programme Duration: 12 months

Programme Outline: This programme will equip graduates with a broad range of skills and expertise across the environmental domain, integrating perspectives from both Geography and Philosophy disciplines. At its core, the programme will embed a recognition of the interrelationships between the myriad socio-cultural and biophysical factors driving global socio-ecological crises; in the process, a deep understanding of the role of justice in understanding the causes of, and importantly, solutions to, our present ecological crises will be developed. The programme will take a deliberate transdisciplinary framing, addressing key questions about global prosperity, fairness and justice, the roles of science and knowledge in sustainability as well as critical interrogations of the inter-linked relationships between ecology and culture, environmental justice, and prosperity and economic growth.

Indicative Content: Perspectives on Climate, Justice and Sustainability; Environmental Ethics; Climate Justice; Sustainability Transitions and Transformations; Environmental Consultancy; Geographical and Geospatial Methods; Dissertation.

Admission Requirements: Applicants will be considered for entry on the basis of a primary degree in Geography or a cognate discipline at a minimum of 2.1 honours. Potential students who do not meet the normal entry requirements may be considered for admission and should contact the Programme Director for information.

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

Programme Webpage: https://www.mic.ul.ie/faculty-of-arts/programme/ma-climate-justice-and-sustainability

Application: Apply online via the programme webpage.

A11	MSc in Coastal & Marine Environments: Physical Processes, Policy & Practice	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: This field-intensive postgraduate programme examines emerging discourses surrounding the long-term health, use, and management of coastal and marine systems. Through lectures, workshops, ship time, field work, and independent research, MSc students are challenged to: (i) Develop competencies in principal biogeochemical processes and ocean circulation patterns, including the role of climate, which shape our coasts and marine environments; (ii) Gain experience in methodologies and data collection techniques through field-based research to describe coastal and marine systems as well as document their change over time; (iii) Critically analyse how coastal and marine systems function and are used by communities and economic sectors; (iv) Evaluate plans and policies that address the complex relationships between coastal and marine

environments and communities; (v) Assess how well policies and legislation work to ensure long-term ecosystem sustainability and mitigate negative impacts on coastal communities and economic sectors.

Indicative Content: Coastal Geomorphology; Dynamics of Climate Change; Reconstructing Marine Environments (Research Vessel Skills); Sustainability Planning and Policy for Marine Environments; Coastal Risk: management and prevention; Biodiversity and Coastal Change; Dissertation (Research Paper).

Admission Requirements: Level 8 degree, Second Class Honours or equivalent, with Second Class Honours Grade 1 or equivalent in a relevant field of study. Selection is based on candidates' academic record at undergraduate level, statement of intent and academic letters of recommendation.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/4juyDtE

Application: Apply online via the programme webpage.

A12	MSc in Conservation Behaviour	ATU

Study Location: Atlantic Technological University (ATU Galway Dublin Road campus)

Programme Duration: 12 months

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

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

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

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

Programme Webpage: https://www.atu.ie/courses/master-of-science-conservation-behaviour

Application: Apply online via the programme webpage.

A13	MSc in Design Thinking for Sustainability	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The UCD MSc in Design Thinking for Sustainability is a unique masters programme that bridges sustainability knowledge and skills, ensuring students are ready to quickly transition to new roles and opportunities upon graduation. Everything students learn is put into practice with real world projects and challenges. By the end of this MSc students are ready to reposition their career for the emerging green economy. The MSc programme is for learners from a variety of backgrounds. The MSc deliberately cultivates diverse classes so that students learn from their peers as well as our expert facilitators.

Indicative Content: Creative Thinking and Innovation; Sustainability: Systemic Approaches, Interdisciplinary Solutions; Entrepreneurship: Application & Mindset; Innovation Sprint; Leadership for Innovation and Creativity; Design for User-Centric, Sustainable Solutions; Design Your Purposeful Life; Applied Sustainability Project.

Admission Requirements: Candidates are required to hold a Level 8 primary degree (Honours Bachelor's Degree).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.innovationacademy.ie/courses/msc-design-thinking-for-sustainability/

Application: Apply online via the programme webpage.

A14	MSc in Digital Technology for Sustainable Agriculture	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: A dynamic transformation is taking place in the world of agriculture, triggered by the rapid emergence and growth of AgTech startups. In addition, Big Tech companies have recently entered the farming and food industries. UCD's MSc Programme on Digital Technology for Sustainable Agriculture is targeted towards providing students with cutting edge training in digital technology areas that include a number of modules in computer programming, data processing, Internet-of-Things and machine learning implementations. This programme will build student's knowledge and skills-base to address the complexities of developing, deploying and managing digital technology in the agri-food sector with a focus on enhancing efficiency, sustainability and resilience at all levels of food production.

Indicative Content: Hyperspectral imaging; Soil Technology; Computers & Electronics in Ag; Remote Sensing and GIS; Advances in Crop Mechanisation; Data Prog with Python (online); Precision Agriculture; Sensors and Sensing Systems; Numerical Methods for Agriculture; Precision Livestock Management; Optical Spectroscopy; IoT enabled AgriFood Prod; Thesis.

Admission Requirements: Applicants must hold a bachelor's degree with a minimum upper second-class honours (NFQ level 8) or international equivalent in agriculture, biological science, physical science, environmental related, engineering, computer science or other appropriate discipline.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T385

Application: Apply online via the programme webpage.

A15   MA / MSc in Environment, Society and Culture   MIC

Study Location: Mary Immaculate College (MIC Limerick campus)

Programme Duration: 12 months

Programme Outline: The MA/MSc Environment, Society and Culture focuses on the interplay between natural environment and human society, and covers a range of advanced topics across human and physical geography, drawing heavily on MIC staff research expertise. This programme is highly flexible, for instance allowing students to choose, principally via their dissertation research, whether to pursue an Arts or Science Master's qualification. The scope of the programme is relatively broad, mirroring the integrated nature of this subject in the real world, and incorporating themes from both the social and physical sciences (i.e. in disciplinary terms, from both human and physical geography). The subject material covered in the programme draws on the expertise of the staff base, which, while maintaining a general focus throughout on the relationship between environment, society and culture, enables specificity and depth of study on themes related to individual staff members' research interests.

Indicative Content: Environment, Society and Culture: Framework and Mapping; Climate Change: Causes and Consequences; Heritage Management and Sustainable Development; Sustainability Transitions and Transformations; Environmental Consultancy; Geographical and Geospatial Methods; Dissertation.

Admission Requirements: Applicants will be considered for entry on the basis of a primary degree in Geography or a cognate discipline at a minimum of 2.2 honours. Potential students who do not meet the normal entry requirements may be considered for admission and should contact the Programme Director for information.

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

Programme Webpage: https://www.mic.ul.ie/faculty-of-arts/programme/ma-m-sc-in-environment-society-and-culture

Application: Apply online via the programme webpage.

A16   LLM in Environmental and Natural Resources Law   UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: This programme offers a wide variety of legal topics ranging across traditional areas of environmental law, policy and regulation, as well as planning and land-use law, heritage protection, international environmental law, marine environmental law, natural resources law and human rights law. It aims to prepare graduates for a variety of careers in the broader environmental regulatory space, including in the legal professions, governmental and regulatory agencies, environmental NGOs, compliance roles in industry, academia and environmental consultancy. The LLM seeks to integrate theoretical and practical aspects of the application of environmental and natural resources law, and to connect module content with legal and regulatory frameworks operating locally, nationally, regionally and globally.

Indicative Content: Core - Legal Research Methods and Writing; Method in Environmental Law; International Biodiversity and Ecosystems Law and Policy; Climate Change Law and Policy; International Environmental Law; Marine Environmental and Natural Resources Law; Environmental Law in Practice; LLM Dissertation. Options - Introduction to Geographical Information Systems; Introduction to Remote Sensing; Contemporary Issues in International Law; International Human Rights Law; Alternative Dispute Resolution: Processes and Practice; Introduction to the Law of the Sea; Global Maritime Security; Port Law; Public International Law; Refugee and Forced Displacement Law; Environmental Law Clinic; Negotiation and Mediation; Managing Complex Disputes;

Humanitarianism and the Law; Sources and Foundations of Environmental Law; Environmental Law: Contemporary Issues in Governance, Regulation, and Enforcement.

Admission Requirements: Candidates must be approved by the School of Law. They must normally hold a Second Class Honours Grade I in a primary honours Law degree (NFQ, Level 8). Candidates with other third level qualifications and/or relevant professional experience are also encouraged to apply.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

A17	MSc in Environmental Leadership	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Environmental Leadership will equip graduates with an advanced level of knowledge and problem-solving, management and communication skills in key areas relevant to the environment, marine and energy sectors. It will equip them with a capacity and capability for environmental leadership relevant to their career trajectory. The course has a focus on cross-sector skills and competences that can be transferred from one topic/occupational area to another, so enabling national and international occupational mobility for its graduates.

Indicative Content: Core - Environmental Problems & Solutions From Land To Sea; Environmental Leadership; Natural Resource Governance & Sustainability; Project Management; Research Methods for Engineers; Research Project; Communicating Research. Options - Environmental Impact Assessment; Environmental Resilience; Green Lab Principles and Practice; Introduction to Development; Dynamics of Climate Change; One Health; Environmental and Human Health; Statistics for Data Science 1; Marine Spatial Planning and Policy; Climate Change & Biodiversity; Invasive Species & Biodiversity; Social Marketing & Sustainability; Geospatial Analysis and Remote Sensing; Data Analysis for Sustainability Research; Partnership Marketing.

Admission Requirements: Applicants must have a primary degree with a 2.1 or above, or equivalent in a relevant discipline. Applicants who do not have an academic background and have relevant experience are welcome to apply. They may be required to attend an interview.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/4kHpEpW

Application: Apply online via the programme webpage.

A18	MSc in Environmental Policy	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Societies, governments, and businesses across the globe are faced with increasingly complex environmental challenges, in areas such as climate change and adaptation and local environmental quality in our cities and regions. The UCD MSc in Environmental Policy arms graduates with the capacity to develop environmental policy choices, analyse them critically, and to provide guidance in regard to their implementation and evaluation. The programme introduces graduates to research-based economic and environmental tools and insights to enable graduates to be effective change management leaders and management leaders and environmental and sustainability experts in both the public and private sectors.

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

Admission Requirements: An honours undergraduate degree (NFQ Level 8) with a minimum upper second class honours or international equivalence is required.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W269

Application: Apply online via the programme webpage.

A19	MSc (Agr) in Environmental Resource Management (ERM)	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Environmental Resource Management is an established programme designed for those who wish to undertake advanced studies in the pursuit of a career in the environmental sciences. Sustainable management of our environmental resources is at the heart of some of the key challenges facing humanity today; food security, climate change, biodiversity loss, and the protection of water and soil resources. During this MSc particular emphasis is placed on exploring these globally important environmental issues, in agriculture and other land use systems. Graduates will gain the knowledge necessary to address these needs through a combination of environmental science, policy and management expertise. The programme fosters in its graduates the qualities of self-motivation and critical thinking. Core elements of the programme include: literature review and knowledge assimilation; core lab, field and IT skills including use of GIS and remote sensing software; experimental survey design, quantitative data analysis and communication skills.

Indicative Content: Core - Human Impact on the Environment; Biodiversity and Ecosystem Services; Communication for Research; Geographic Information Systems; Environmental Assessment; Data Analysis for Biologists; Soil, Plant & Water Resources; Practical Research Skills; Ecosystem Monitoring; Ecological Modelling; Research Project (AESC). Options - Wildlife Conservation; One Health; Carbon & Sustainability.

Admission Requirements: Applicants must hold minimum lower second class honours Degree (NFQ Level 8), or international equivalent, 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 overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X089

Application: Apply online via the programme webpage.

A20	MSc in Environmental Science	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The study of Applied Environmental Science is critical for establishing policies in environmental assessment, evaluating potential change in environmental quality in response to various land use and other activities, and in development of management and conservation strategies, as well as contributing to policy formulation. This course has a heavy emphasis on practical training in fieldwork, laboratory analyses, information sourcing, data analysis, planning, reporting and communication. You will work with an interdisciplinary team of experts covering the key aspects of Environmental Science, encompassing marine, freshwater and terrestrial systems. This is the only Applied Environmental Science course in Ireland to include a major input from civil engineering, relating particularly to water quality, hydrology and waste treatment processes.

Indicative Content: Core - Introduction to Water Resources Engineering 1; Global Change Ecology; Vegetation Ecology; GIS for Environmental Assessment; Freshwater Resources Assessment; Analyses for Environmental Investigations; Soil Ecology; Environmental Geology; Quantitative Tools for the Life Sciences; Thesis (MSc Env. Science). Options - Wildlife Conservation; Waste Management; Environmental Impact Assessment; Essay (MSc Applied Science); Carbon & Sustainability; Water Waste and Environmental Modelling; Sustainable and Nature Based Water Infrastructure; Marine Community Ecology; Wildlife Management/Conservation; Applied Ecotoxicology; Environmental-based internship; Research-based internship.

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

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X062

Application: Apply online via the programme webpage.

A21	MSc in Environmental Sciences	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The degree in Environmental Sciences, the first of its kind in Ireland, has an established pedigree, attracting students with diverse academic backgrounds from Ireland and abroad. It comprises a series of taught modules encompassing a variety of current environmental themes, followed by a five-month research project. The aims of this course are to promote an understanding of environmental science, and the capability to apply that knowledge to current environmental issues and sound environmental management; to develop the necessary intellectual skills and practical expertise to design and execute independent research; and to cultivate skilled communicators able to organise ideas and disseminate them through written and oral presentations.

Indicative Content: Introduction to Environmental Sciences; Desk Study; Hydrology and Groundwater Quality; Environmental Monitoring; Data Handling and Analysis; Earth System Science; Environmental Policy; Resource Development: Managing Impacts

on the Environment; Practical Environmental Skills; Project Planning; and Environmental Entrepreneurship; Research Project.

Admission Requirements: A bachelor's degree in a cognate area.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/environmental-sciences-msc--pgraddip/

Application: Apply online via the programme webpage.

A22	MSc in Geographic Information Science	TUD

Study Location: Technological University Dublin (TUD Dublin Bolton Street campus)

Programme Duration: 12 months

Programme Outline: The MSc in Geographic Information Science is a conversion course designed for graduates of related disciplines or current practitioners in the geospatial or related industries. The programme aims to develop a deep understanding of geospatial technologies, covering essential principles, practices, and applications.

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

Admission Requirements: To be admitted to the programme, students should have a minimum of a 2.2 in an honours bachelor degree (Level 8 NQAI) or equivalent. Applications from candidates who have an equivalent qualification at honours level (for example, a professional qualification) will also be considered. Prior work or industrial experience is not a pre-requisite for entry on to the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/geographic-information-science/

Application: Apply online via the programme webpage.

A23	MSc in Geographic Information Systems & Remote Sensing	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Geographic Information Systems (GIS) and Remote Sensing are considered essential tools to spatially explore, analyse, visualise and disseminate data; and these skills are increasingly highly sought after in the workplace. The MSc in GIS and Remote Sensing will provide you with strong theoretical, conceptual and practical foundation on spatial data analytics, covering legislative requirements and ethical considerations. The aim of the program 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 - Python for GIS; Remote Sensing; Dissertation or Research Project. Options - Research Design; GIS Principles and Applications; Practical Environmental Assessment; Coastal Risks; Critical Geographies: Spatialising Power and Inequalities; INFOMAR marine seabed data; INFOMAR marine survey data; Globalization, Empire and Race: Economic Geography; Urban Data Analytics; GIS, Cultural Heritage and Spatial Thinking; Critical Geopolitics and Diplomacy; Advanced GIS Applications; International Urban Fieldwork; Geostatistics and Programming for GIS; GIS for Environmental Health; Citizen Science; GIS for Decision-Making; Critical Reviews of GIS.

Admission Requirements: A minimum of Second Class Honours (2:1) or equivalent in a cognate area.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=W599&KEYWORD=w599

Application: Apply online via the programme webpage.

A24	MSc in Geographical Information Systems and Remote Sensing	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The course is equally split between both parts – GIS and Remote Sensing – with four core modules introducing the theory and practice of both subjects at an introductory and advanced level. Additional optional modules in Programming, Spatial Databases and Remote Sensing of the Subsurface are also available to students who want to develop the technical side more fully, though the course has a strong applied flavour throughout. In addition, all students complete a work placement in the Summer months which allows them to gain valuable practical experience to test and develop the skills learnt across the course.

Indicative Content: Core - Introduction to Geographical Information Systems and Science; Aerial Surveys and Drone Operations; Geographical Information Science in Practice; Satellite Remote Sensing and Earth Observation; Work Placement. Options - Structured Programming; Spatial Databases; Analysing Spatial and Temporal Data Using R; Marine Remote Sensing- INFOMAR.

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. Applicants must have a recognised primary degree which is considered equivalent to Irish university primary degree level.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

A25	MA in Geography	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MA in Geography is designed for students who wish to deepen their understanding of key geographical ideas and themes, develop their critical thinking skills, undertake independent research in an area of specialist interest, and significantly enhancing their professional skills. The MA in Geography offers a wide-ranging programme of taught modules so students can choose what classes best suit their interests and career goals. The programme is designed to develop critical spatial thinking, deepen specialist knowledge, and strengthen employability skills from a human geography perspective. Through this programme, students will become familiar with a range of geographical perspectives applied to critical societal and environmental challenges, including decarbonisation, migration, mobility and housing.

Indicative Content: Core – Field School; Thinking Geographically; Thesis. Options – Public Engagement; Dublin Urban Laboratory; Spatial Justice: Geographies of Social & Environmental Change.

Admission Requirements: Students should normally have earned a 2.1 or above in Geography (either subject degree in Geography or overall) or related disciplines. A personal statement is required so the Director can give consideration to applicants with relevant academic, work or professional experience if coming from a different background than the social sciences and/or if earned a 2.2 mark. Applicants must have a recognised primary degree which is considered equivalent to Irish university primary degree level.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/ma-geography

Application: Apply online via the programme webpage.

A26	MA in Geography: Spatial Justice	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MA in Geography: Spatial Justice is designed for students who wish to deepen their understanding of critical geographical ideas and themes and apply this knowledge to the most pressing societal and environmental challenges of the 21st century. Students will be empowered to think geographically, to develop their critical thinking skills, undertake independent research in an area of specialist interest, and significantly enhance their professional skills. Through this programme, students will become familiar with a range of geographical perspectives on justice, including spatial, environmental, health and place-based justice. Through cutting-edge research modules, they will apply these perspectives to specific problems and case studies, including decarbonisation, migration, mobility and housing.

Indicative Content: Core - Field School; Thinking Geographically; Public Engagement; Spatial Justice: Geographies of Social & Environmental Change; Thesis. Options - Dublin Urban Laboratory; Critical Ecologies; Winter School of Ethnography; Foundations of Medical Anthropology; Anthropology and Development; Anthropology of Digital Media; Immigration and Diversity in Higher Education; Gender, Sexuality, Law; Irish Media History; Media Publics; Quantitative Analysis; Qualitative Analysis.

Admission Requirements: Students should normally have earned a 2.1 or above (NFQ Level 8 or equivalent honours degree) in Geography (either subject degree in Geography or overall) or related disciplines. Applicants must have a recognised primary degree (NFQ Level 8 or equivalent honours degree) which is considered equivalent to Irish university primary degree level.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/3Svt4Ad

Application: Apply online via the programme webpage.

A27	MSc in Geoinformatics	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc Geoinformatics programme addresses the need for technically aware and competent postgraduates to work in the field of geoinformatics, particularly as applied to environmental and resource management. This twelve-month full-time course covers both the theoretical and practical aspects of geoinformatics, including Geographical Information Systems and Science (GIS), Remote Sensing (RS), geospatial data analysis and visualisation, programming, and internet GIS.

Indicative Content: Introduction to Geographical Information Systems; Introduction to Remote Sensing; Digital Image Processing; Applications of Geoinformatics; Critical GIS; Computer Programming for GIS Applications; Spatial Ecology and GIS; Geospatial Data Analysis; Internet GIS; Dissertation in Geoinformatics.

Admission Requirements: Applicants for the MSc in Geoinformatics must normally hold a Second Class Honours Grade I in a primary honours degree (NFQ, Level 8)or above, in a cognate area, e.g. Geography, Geology, Environmental Sciences, Computer Science, Physics, Engineering or a cognate discipline. Applicants with a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8), but with proven experience in an area of Geoinformatics, or with equivalent qualifications in related areas of science and technology, can be considered under Recognition of Prior Learning (RPL) for a place following interview and/or written or practical assessment by the programme team of the MSc in Geoinformatics.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/cke33/

Application: Apply online via the programme webpage.

A28	MSc in Global Change Landscape Design	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Global Change Landscape Design program at UCD represents a unique opportunity for students to become future leaders in the field of landscape design. With its innovative curriculum, world-class faculty, and emphasis on practical experience, this program prepares students to tackle the complex challenges of global change with confidence and expertise. If you are passionate about making a difference in the world and shaping the landscapes of tomorrow, then this program is for you.

Indicative Content: Core - Geodesign for Urban Futures; Research-By-Design Studio A; Water, Soil & Vegetation; Landscape Research; Fieldwork; Research-By-Design Studio B; Internship (Work Placement). Options - Architecture in a Climate Emergency; Climate Carbon Cities Change; Carbon & Sustainability; Urban Resilience and Ethics; European Environmental Policy.

Admission Requirements: An honours undergraduate degree (NFQ Level 8) with a minimum upper second class honours or international equivalence in a relevant programme including Landscape Architecture, Architecture, Urban Design, Interior Design or any other Creative Studies in a cognate discipline may apply.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=T407&KEYWORD=t407

Application: Apply online via the programme webpage.

A29	MSc in Global Environmental Economics	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The programme is specifically targeted to provide students with employability skills that are relevant to shape and influence future public policy, conduct environmental evaluations, lead research projects, work in a business or consultancy role, with international development and aid agencies or continue education through further academic study. The aims of the MSc in Global Environmental Economics are to equip graduates with the skills to understand and analyse global environmental issues from an economic perspective, critically evaluate and inform future public policy in relation to the environment, advance knowledge of economic methods used to analyse environmental problems and understand global interlinkages of environmental problems and how these differ around the world.

Indicative Content: 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 or work placement. Options - Renewable Energy Economics; European Energy Policy; Applied Econometrics; Public Sector Economics; Green and Sustainable Finance; Derivatives and Risk Management.

Admission Requirements: A H2.1 degree (NFQ Level 8 or equivalent) with Economics. However, candidates with a significantly high H2.2 honours degree and who have achieved a 2.1 average in relevant Economics modules in a business degree, will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/4kqIfXS

Application: Apply online via the programme webpage.

A30	MSc in Marine and Freshwater Resources: Management	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Marine and Freshwater Resources: Management will enable graduates to develop a core understanding and advanced level of knowledge and skills in key areas relevant to the marine and freshwater environment. Graduates will learn advanced problem solving, management, analytical and communication skills. It will develop their capacity

and capability for scientific leadership and solution-based approaches relevant to their career trajectory. An MSc in Marine and Freshwater Resources: Monitoring and Management will build on undergraduate courses in Earth and Ocean Sciences, Marine Science, Environmental Science, Civil Engineering, Geography and Geosystems and the Bachelor of Science degree programme. It will provide a pathway for students interested in pursuing a career in industries concerned with the protection and use of water. The course will also be targeted at professionals in industry, government, and the regulatory sector who wish to further develop their skills and resources. This course sets out to equip students with a broad range of skills and an understanding of the fundamental concepts underpinning the functioning of aquatic systems, the ability to communicate about them in a meaningful way and the ability to make informed and responsible decisions regarding marine and freshwater resources.

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

Admission Requirements: Minimum 2.1 hons, or equivalent, though 2.2 students (or equivalent) with relevant experience will also be considered. Recognition of Prior Learning (RPL) is considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/4dJ9c6o

Application: Apply online via the programme webpage.

| A31 | MSc in Occupational and Environmental Health and Safety | UG |

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: This programme's objective is to provide you with a high-quality qualification in the multidisciplinary area of Environmental Health and Safety (EHS), enabling you to take on managerial responsibilities within industry, or work with a regulatory agency or consultancy. The minor research thesis may be completed at the student's place of work or in collaboration with Univesity of Galway-based researchers.The programme is also recognised by the Health and Safety Authority.

Indicative Content: Core - Research Methods (OccH); Health & Safety and Environmental Law; Occupational Health and Wellbeing; Exposure Science; Safety and Risk Management; Research Thesis OEHS. Options - Ergonomics; Physical Ergonomics; Environmental Engineering; Research Methods Qualitative (OccH); Information Systems Ergonomics.

Admission Requirements: The minimum entry requirement is an Honours BSc degree, or its equivalent in an appropriate discipline, as determined by the College of Science and Engineering . Students without an adequate academic background but with relevant work experience may be required to attend for interview.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/43I039G

Application: Apply online via the programme webpage.

A32   MA in Planning and Development   UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: This MA prepares graduates for careers in planning, surveying, community planning, regional planning, sustainable planning futures and related geographical careers. When taking this masters programme, students will consider how planning can make the best use of our resources and examine the various contexts that allow necessary and worthwhile development to proceed. Students will consider how the environment and heritage of our towns, cities and countryside is protected. They will be fully cognisant of global phenomena such as climate change, technological change, and migration trends, and their significance for planning. Public participation holds a key role in planning and is a central focus of the programme.

Indicative Content: Planning for built and environmental systems; Economic and social dimensions of spatial planning; Planning Law 1; Geospatial techniques 1; Urban design and placemaking; Planning for infrastructure and natural resource management in an era of climate change; Planning Law 2; Geospatial techniques 2; Research and professional development portfolio.

Admission Requirements: A Level 8 degree, with a minimum 2:1 Honours degree or equivalent in an appropriate discipline.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/planning-and-development.html

Application: Apply online via the programme webpage.

A33   MSc in Planning, Development & Urban Design   UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The capacity to develop planning and urban design solutions, to analyse them critically and to provide guidance in regard to their implementation is one for which there is a growing demand. Furthermore, urban design lies at the interface of architecture and urban planning, with both disciplines contributing complementary but contrasting approaches to urban design theory and practice. In this context, the MSc Planning, Development & Urban Design has been specifically tailored to enable fully-qualified architects to further develop, build upon and enhance relevant pre-existing professional knowledge, understanding, and skills, to specialise in both spatial planning and urban design. This programme is open to Architects on the RIAI Register of Architects or persons eligible to seek registration as an architect in Ireland without further assessment.

Indicative Content: Core – Street Life: Urban Design, an Introduction; Urban Design Studio; Planning Methodology; Planning, Society and Diversity; Urban and Regional Development; Planning Studio: Plan Making; Nature-Based Solutions; Research Design & Methods; Planning Law. Options – Design Thesis; Thesis.

Admission Requirements: The programme is open to applications from fully qualified architects, i.e. applicants must have completed their architectural education and be listed on a recognised statutory professional architectural register (e.g. RIAI,

ARB) or fully qualified and registered as an architect in accordance with EU Directive 2005/36/EC (recognition of professional qualifications), or other international equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=T324&ARCHIVE=Y

Application: Apply online via the programme webpage.

A34	MSc in Plant Biology & Biotechnology	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Rapid developments in our understanding of plants and their significance to our wellbeing has been achieved through advances in a range of disciplines including genetics, genomics, cell biology, physiology, ecology and studies on climate change. Graduates of this one-year MSc will be equipped with the knowledge and skills in these recent advances to rise to the future challenges in academia, industry and policy development. Innovation and entrepreneurship permeate the course as central themes and, in addition, a specific module on entrepreneurship in plant biology is delivered. This MSc covers a wide diversity of both topics and approaches, and is taught by a high-profile research-oriented group of academics.

Indicative Content: Core - Current Dev. Plant Bio. 1; Plant Biotechnology & Entrepreneurship; Current Dev. Plant Bio. 2; Research Project. Options - Plant Diseases: Biology and Control; Plant Pathology and Biotechnology; Biological Imaging; Applied Bioinformatics; Biology and Ecology of Coastal Wetlands; Plant Biology Field Course; Plant Cell Biology; Cell Signalling in Plants; Environmental Impact Assessment; Peatlands & Global Change; Carbon & Sustainability; Diversity of Plant Form & Function; Experimental Plant Physiology; Plant Phenotyping: from Basics to Robotics; Programmed Cell Death in Plants; Genome Structure and Evolution; Biological Invasions.

Admission Requirements: This programme is intended for applicants with a degree in an appropriate life science discipline. An upper second class honours or international equivalent is required.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=F080

Application: Apply online via the programme webpage.

A35	Master of Regional & Urban Planning	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: In today's complex and rapidly changing world, with the threats posed by climate change, economic crises, energy security and rapid urban growth, planners face the challenge of creating places that combine environmental quality with a vibrant economy, quality of life and distributive justice. This one-year professional planning degree develops the requisite conceptual knowledge and practical skills required by planners in this increasingly complex environment. You will develop an understanding of the administrative, legal and policy frameworks in which spatial planning operates and the social, political,

economic and environmental challenges facing planning. In addition, students develop practical skills for plan and policy making, including environmental assessment, retail assessment, public participation methods, development and project management, and GIS. Students will also engage with understanding the role of planning in public policy and sustainability and can avail of independent research or internship opportunities which are assigned on a competitive basis.

Indicative Content: Core - Planning Studio: Plan Making; Planning Methods, Skills & Techniques; Planning Institutions & Govern; Environment & Sustainability; Planning, Design & Development; Practice Based Project and Internship or Thesis. Options - Advanced GIS; Sustainable Cities; Conservation and Placemaking; Rural & Landscape Planning; Healthy and Sustainable Communities.

Admission Requirements: An honours undergraduate degree (NFQ Level 8) with a minimum upper second class honours or international equivalence in a cognate discipline including Geography, Sociology, Economics, Politics, Social Science, Law, Engineering, Architecture, Landscape Architecture, Property Economics, Surveying and/or equivalent relevant professional experience. Those with other degree qualifications may apply but will be required to undertake an interview.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=T399

Application: Apply online via the programme webpage.

A36	MSc in Risk Resilience & Sustainability	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The key objective of the course is to explore how sustainability and resilience work together in the safeguarding of ecosystem services, the economy, construction, transportation and political systems. Geography as a discipline offers expertise in the environment (e.g. hazards such as earthquakes, volcanic eruptions, tsunamis, cyclones, floods and other environmental hazards) and the societal dimensions of risk, resilience and sustainability and is well placed to offer an interdisciplinary framework.

Indicative Content: Core - Research Design; GIS Principles and Applications; Natural hazards and risk; Dissertation. Options - Global South Fieldwork: Vietnam; International Urban Fieldwork; Geodesign for Urban Futures; Practical Environmental Assessment; Remote Sensing; INFOMAR marine seabed data; INFOMAR marine survey data; Urban Data Analytics; Advanced GIS Applications; Coastal Risks; Geostatistics and Programming for GIS; Risk, Resilience and Sustainability Internship; Geopolitical Risks and Crises.

Admission Requirements: A primary degree with at least GPA 3.08 (2.1/2H1) or international equivalent in Geography or a related discipline.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W464

Application: Apply online via the programme webpage.

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in Smart and Climate-Neutral Cities is aiming to provide this inter- and trans- disciplinary knowledge to a new generation of skilled workforce to meet the goals of the smart cities and climate adaptation missions by contributing to a decrease of harmful industrial emissions while favouring renewable energy sources. This programme offers students the opportunity to work on an established research project with experienced researchers in the fields of smart cities, climate neutral cities, spatial data analysis or related areas including: urban planning, climate action, participatory planning, citizen science, environmental studies, climate change impact, circular cities, sustainable mobility.

Indicative Content: Core – Smart climate neutral cities; Planning Studio; Citizen Science; Advanced GIS; Research Project. Options – Street Life: Urban Design, an Introduction; Climate Carbon Cities Change; Geodesign for Urban Future; Planning design and development; Environment and Sustainability; Urban Resilience and Ethics; Healthy and Sustainable Communities; Sustainable Cities; Planning Methods, Skills and Techniques; Planning for Nature.

Admission Requirements: An honours undergraduate degree (NFQ level 8) with a minimum upper second class honours or international equivalent in architecture, urban planning, urban design, engineering, physical or natural science, humanities, politics, economics or environmental related degree programme.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=T409&KEYWORD=t409

Application: Apply online via the programme webpage.

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: This new M.Sc. in Smart and Sustainable Cities approaches the study of smart and sustainable urbanism by drawing from the research-based expertise of leading scholars from Trinity's Energy, Environment and Emerging Technologies Institute (E3). The programme, which is the first dedicated programme of its kind, will provide students with an in-depth understanding of smart and sustainable cities, using (a) the tools of urban geography and planning to examine the spatial formation of smart cities; (b methods in engineering and computer science to analyse the functions and applications of smart technologies, and (c) insights from ecology to explore the environmental impact of both 'smart-city projects' and wider transformations of contemporary cities.

Indicative Content: Core - Urban Governance; Smart Eco-Cities of the Future; Geographical Information Systems (GIS); Urban Sustainability; Introduction to Machine Learning; Research Method; Fieldtrip; Placement; Dissertation. Options - Transportation Policy; Transportation Modelling & Planning; Energy Policy & Building Energy Demand; Urban Computing; Artificial Intelligence; Machine Learning; Environmental Policies; Human Interaction with Biodiversity; and Climate Justice, Climate Change & Development.

Admission Requirements: Applicants will be expected to have an upper second-class (2.1), or above, Honours Bachelor's degree in a social science or science-based course such as Engineering, Sociology, Computer Science, Economics, and Geography.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/smart-and-sustainable-cities-msc--pgraddip/

Application: Apply online via the programme webpage.

A39	MSc(Agr) in Sustainable Agriculture and Rural Development	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Sustainable Agriculture and Rural Development responds to contemporary and future transformations in agriculture and rural development. The programme takes a place-based approach to rural change and rural futures, and addresses how agriculture can contribute to sustainable development. It examines how farming and rural areas are changing, and how communities and government can address future challenges and opportunities. These issues are relevant in Ireland and internationally, in the Global South and Global North.

Indicative Content: Core - Research Methods Part I; Sustainable Agriculture; Community-Led Local Development; Policies & Strategies for Sustainable Agriculture & Rural Development; Theory & Practice of Rural Enterprises; Research Methods Part II; Minor Thesis. Options - Organic Agriculture; Economics and Sociology in Rural Development; Agricultural Extension & Innov; Understanding the Family Farm Business; Agricultural Education; Global Food Systems; Behaviour Change in Agriculture; Rural Placemaking.

Admission Requirements: Applicants must hold a minimum of a second class honours degree, or international equivalent, in a range of subject areas. Applications are welcome from people from a broad range of disciplinary backgrounds including humanities, sciences and business who are interested in pursuing careers in the broad arena of rural and community development.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X376

Application: Apply online via the programme webpage.

A40	MSc in Sustainable Development, Agri-Food and Co-operatives	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

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

development, shared and collaborative economy, NGOs, innovative community businesses including co-operatives and social enterprises, local and regional enterprise development, corporate social responsibility, policy formulation and analysis.

Indicative Content: Core - Sustainable Rural Development; Co-operative and Collaborative Responses; Contemporary Socio-Economic and Environmental Issues; Marketing and Communications for Sustainable Food Production and Consumption; Economics of Agri-Food Markets and Value Chain Analysis; Sustainable Food Systems; The Sharing Economy; Global Food Policy Issues; Project Management; Practice-Based Research Project. Options - Food Branding and Digital Media Marketing; Soil Science and Soil/Land Management; Sustainable Energy.

Admission Requirements: A minimum Second Class Honours in a primary honours degree (NFQ, Level 8) or equivalent, in a wide range of disciplines. Consideration under Recognition of Prior Learning (RPL) may be given to applicants who do not hold a second class honours degree but who have sufficient relevant experience, subject to approval by the Cork University Business School (CUBS).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

A41	MSc in Sustainable Finance	UCD

Study Location: University College Dublin (UCD Michael Smurfit Business School campus)

Programme Duration: 12 months

Programme Outline: The MSc in Sustainable Finance is designed to provide students with real-world insights into the application of finance in achieving sustainable outcomes for corporations, and the process of investing, financing, and building renewable energy projects. It is estimated that achieving the United Nation's SDGs by 2030 will require investments of $5-7 trillion annually across both the public and private sector. The estimated $2.5 trillion investment gap every year in the developing world is a significant challenge but also an opportunity for policy makers, investors and businesses alike. In this respect, the course will advance your understanding of finance theory and the application of sustainability factors to financial markets. The course also features a strong low carbon energy component and aims to equip students with creative and analytical approaches to problem-solving in the sustainable finance context as well as enhance the students' interpersonal and leadership skills.

Indicative Content: Core - Financial Econometrics; Financial Theory; Financial Analysis; Capital Markets & Instruments; Quant. Methods for Finance; Applied Derivative Securities; Energy Economics and Policy; Portfolio & Risk Mgt; Renewable Energy Finance; Sustainable Finance; Green Data Science; Ethics in Financial Services; Research Dissertation. Options - Advanced Treasury Management/Financial Engineering; Mergers & Acquisitions; Financial Technology; Summer Internship; Structured Finance; Business Communications.

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 overall score of 7.0 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=B806

Application: Apply online via the programme webpage.

A42	MSc in Sustainable Supply Chain Management	UCD

Study Location: University College Dublin (UCD Michael Smurfit Business School campus)

Programme Duration: 12 months

Programme Outline: The MSc in Sustainable Supply Chain Management (SCM) unlocks sustainability, responsibility and ethics in operations, logistics and supply chain management. Business as usual is not sustainable. A new mindset and standards are required for sustainable transformation. Sustainability calls for ethical considerations concerning the impact of production and consumption decisions on the environment, society and future generations.

Indicative Content: Core - Supply Chain Operations; Sustainable Procurement; Negotiation for Supply Chain Managers; Principles of Responsible Supply Chain Management; Supply Chain Analytics; Business Logistics; Sustainable Supply Chain Project. Options - Creative Problem Solving; Cross Cultural Management; Technology & Innovation Strategy; Leadership and Team Management; Innovation: Disruption & Design; Reputation and Disrepute.

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 is required.

IELTS: Minimum overall score of 7.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.smurfitschool.ie/programmes/masters/mscinsustainablesupplychainmanagement/

Application: Apply online via the programme webpage.

A43	MSc in Urban Design & Planning	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Urban design lies at the interface of architecture and urban planning, with both disciplines contributing complementary but contrasting approaches to urban design theory and practice. The delivery of this master's programme draws on the distinct methodologies, professional perspectives and pedagogies of both urban planning and architectural disciplinary areas within the school. It provides specialist knowledge and skills in urban design theory and practice. This programme will enable graduates to work as part of a multidisciplinary team to create better places through urban design. Students will also have the opportunity to draw upon the School's research expertise to place urban design centre stage in tackling a range of pressing environmental and other issues. The programme will appeal to graduates from closely related disciplinary backgrounds wishing to specialise in urban design, including those with qualifications in architecture, landscape architecture, and planning.

Indicative Content: Core - Street Life: Urban Design, an Introduction; Postgraduate Studio; Planning Methods, Skills & Techniques; Urban Design Studio; Urban Resilience and Ethics; Conservation and Placemaking; Design Thesis or Thesis. Options - Planning Institutions & Govern.

Admission Requirements: An honours undergraduate degree (NFQ level 8) with a minimum upper second class honours or international equivalent in planning or cognate discipline, including architecture and landscape architecture. Applications from

graduates with a degree in another related subject area will also be considered, including geography, engineering, property economics, and surveying.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

A44	MSc in Wildlife Conservation & Management	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Wildlife Conservation and Management is suitable for students who wish to undertake further studies in pursuit of a career in the agricultural and environmental sciences, with a particular emphasis on the sustainable management of wildlife resources within rural landscapes. This is a unique programme dealing with the principles of population management and zoonotic diseases associated with wildlife and conflict resolution. This MSc enables students to specifically focus their studies on global wildlife conservation and management. For those with an inquiring mind, a deeper understanding of scientific principles relevant to solving agri-environmental food security concerns is provided, which in combination with understanding effective policy-making, leads to sustainable management practice.

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

Admission Requirements: Applicants must hold the equivalent of a minimum Lower Second Class Honours Degree (NFQ Level 8), or international equivalent, in a Biological Science, Environmental Science, Animal Science, Equine Science or Veterinary Medicine degree programme from a recognised higher education institution. Applicants from other disciplines may be considered if they include strong evaluation, analytical and communication skills and have experience of working in the area.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=D027

Application: Apply online via the programme webpage.

A45	MSc in World Heritage Management and Conservation	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The UCD Masters Programme in World Heritage Management & Conservation has been conceptualized to address the skills and knowledge required to help heritage managers in solving heritage conservation and management problems, enabling them to directly contribute to the Agenda 2030 Sustainable Development Goals. The UCD Masters Programme in World Heritage Management & Conservation is aimed at students who wish to develop their knowledge and skills

to excel at managing cultural and natural heritage sites and protected areas. We value motivated students who show a commitment and enthusiasm for tackling conservation challenges and recognise their responsibility as global citizens.

Indicative Content: Core - Heritage Marketing & Management; Conflict Resolution & Heritage; Heritage Management Challenges; Nature & Culture: A bridge; Presenting & Managing Heritage; Masters Dissertation. Options - Archaeology, People and Cultures in Extreme Environments; GIS, Cultural Heritage and Spatial Thinking; Culture, Heritage and Human Rights; Conservation and Placemaking.

Admission Requirements: Applicants are normally expected to have a minimum of a lower second class honours degree or the international equivalent. However, in special circumstances, relevant work experience may be taken into account. Applicants with diverse academic backgrounds including Archaeology, Architecture, Geography, Biology, Arts, Agriculture, Engineering and Economics will be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=F098

Application: Apply online via the programme webpage.

B

Engineering and Sustainable Technology

B01	MEng in Applied Materials	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

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

Indicative Content: Materials Science In Engineering; Finite Element Analysis I & Ii; Design Driven Innovation; Materials In Processing And Industry 4.0; Applied Mechanics Of Materials; Research Methods For Engineering; Innovation For Sustainable Enterprise; Work-Based Project; Professional Development; Dissertation.

Admission Requirements: Graduates with a minimum for 2.2 honours in a Level 8 degree such as Mechanical/Materials Science/Aerospace/Aeronautical /Aircraft Engineering or equivalent programme; Graduates with a Level 7 Distinction award in Mechanical/Materials Science/Aerospace/Aeronautical/Aircraft or equivalent programme with a minimum 2 years relevant post qualification experience.

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

Programme Webpage: https://www.setu.ie/courses/meng-in-applied-materials

Application: Apply online via the programme webpage.

B02	MEngSc in Chemical Engineering	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The Chemical Engineering industry in Ireland is one of its strongest exporting sectors and is representative of the chemical process industries worldwide. Opportunities for employment exist in a broad range of areas including: the pharmaceutical industry, the petrochemical and energy industries, the ICT industries including medical devices, and the heavy chemicals industries. The MEngSc in Chemical Engineering offers advanced level education for students with primary degrees in chemical engineering/technology programmes. On this programme you will improve your conceptual and practical skills in both the fundamental and applied principles of chemical engineering practice. The programme covers advanced topics in chemical engineering and includes extensive project work in both design (featuring both individual and team elements/efforts) and in an individualised research project.

Indicative Content: Chemical & Bioprocess Reaction Engineering; Advanced Separation Processes; Advanced Heat Transfer and Fluid Mechanics; Advanced Experimental Design; Advanced Process Design; Chem & Bioprocess Eng Design; Environmental Engineering; Chem Proc Sust & Ren Energy; Advanced Characterisation Tech; Process Control; Chemical Engineering Project.

Admission Requirements: A Chemical Engineering honours undergraduate degree (NFQ level 8) with a minimum upper second class honours or international equivalence.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T218

Application: Apply online via the programme webpage.

B03	ME in Civil Engineering (Sustainable Infrastructure)	TUD

Study Location: Technological University Dublin (TUD Dublin Bolton Street campus)

Programme Duration: 12 months

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

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

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

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

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/sustainable-infrastructure/

Application: Apply online via the programme webpage.

B04	MEngSc in Electrical and Electronic Engineering	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The College of Science, Engineering and Food Science (SEFS) at UCC aims to build on the engineering foundations of your undergraduate degree with this postgraduate Electrical and Electronic Engineering (MEngSc) programme. The MEngSc programme will help you to develop advanced engineering skills and introduce you to key innovations in this field. As part of this degree, you will carry out a substantial research project. There is also the opportunity to apply for a summer industrial placement.

Indicative Content: Core - Research Report; Internet of Things: Technology and Application; Engineering Machine Learning Solutions; Optoelectronic Communications and Optoelectronics; Electrical Power Systems; Design of RF Integrated Circuits; Advanced VLSI Design; Mobile and Cellular Communications; Advanced Digital Signal Processing; Frequency Synthesizers for Wireless and Cellular Systems; Design of Digital Integrated Circuits; Advanced Analogue IC Design; Data Converter Techniques: Circuits and Architectures; Semiconductor IC Processing; Smart Grids; Design of Analogue Integrated Circuits; Industrial Automation and Control; Dissertation in Electrical and Electronic Engineering. Options - Design of Cyber-Physical Systems; Optimisation; Network Security; Programming in Python; Programming in Python with Data Science Applications; Energy Systems, Power Electronics and Drives; Control Engineering II; Telecommunications II; Biomedical Systems; Photonic Signals and Systems Application; Robotics; Advanced Robotics; Photovoltaic Systems; Foundations of Statistical Data Analytics.

Admission Requirements: Candidates must have a BE (Hons) Degree in Electrical and/or Electronic Engineering, or equivalent engineering qualification, with a minimum Second Class Honours Grade I (NFQ Level 8).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckr47/

Application: Apply online via the programme webpage.

B05	MEngSc in Electrical Power Networks	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This 1 year MEngSc in Electrical Power Networks is specifically designed to give you a fundamental understanding of the design and operation of electrical power networks in the context of the transition to a more sustainable energy system. The programme will provide you with advanced training in various aspects of electrical engineering and equip you with the skills required to pursue a career in the rapidly evolving power system and smart grid sectors. If you are a mathematically strong engineering student who is interested in being part of the transition to a more sustainable future and you are seeking a professional career in the power system and smart grid sectors, then this programme is ideal for you.

Indicative Content: Core - Control Theory; Power System Operation; Power System Dynamics and Control; Optimisation Techniques for Engineers; Power System Design; Applications of Power Electronics; MEngSc Electrical Project. Options - Numerical Algorithms; Power Electronics and Drives; Renewable Energy Systems; Power Electronics Technology; Machine Learning for Engineers; Data Science in Python; Energy Economics and Policy; Modelling and Simulation; Professional Engineering (Management); Technical Communication.

Admission Requirements: A 4-year bachelor's degree with a minimum upper second class honours (NFQ level 8) or international equivalent in electrical engineering, electronic engineering, power systems, power electronics, and energy-related subjects. Applicants should have studied: Power System Analysis, Electrical Machines, Power Electronics.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T378

Application: Apply online via the programme webpage.

B06   MSc in Electronic and Communications Engineering   TUD

Study Location: Technological University Dublin (TUD Dublin Bolton Street campus)

Programme Duration: 12 months

Programme Outline: The aim of this course is to provide industry with engineers with a high level of in-depth knowledge and expertise in a selected range of advanced topics in Electronic and Communications Engineering.

Indicative Content: Core - Independent Research Portfolio; Innovation and Knowledge Management; Research Methods; Entrepreneurship For Engineers; Statistical Analysis for Engineers; Independent Research Portfolio; Dissertation. Options - Introduction to Digital System Level Design; Introduction to Digital VLSI Design; Microwave and RF Engineering: Lines and Devices; Nanofabrication 1; Optoelectronics (I): Devices for Optical Communications; Microwave and RF Engineering: Radio Propagation and Systems; Wireless Communications - Modulation; Network Security; Nanofabrication 2; Optoelectronics (II): Photonic Materials and Devices.

Admission Requirements: A minimum Second Class Honours Bachelor Degree (2.2 grade or higher) in Electronic, Computer or Communications Engineering or a related discipline. Applications from candidates with at least a second class honours degree in Applied Physics or other numerate degree, along with candidates with other 2.2 Honours Bachelor Degrees and suitable strong industrial experience may also be considered strictly on a case-by-case basis.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/electronic-and-communications-engineering/

Application: Apply online via the programme webpage.

B07   Msc in Energy Management   TUD

Study Location: Technological University Dublin (TUD Dublin Bolton Street campus)

Programme Duration: 12 months

Programme Outline: The course has been planned in response to a need in industry for a master's degree programme that integrates energy, environmental issues and management. 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.

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

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

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/energy-management/

Application: Apply online via the programme webpage.

B08	MSc in Energy Science	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Energy Science is designed to equip students with the theoretical knowledge and the practical skills to develop careers in the global energy sector. 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". These basics are complemented by essential "Economics of Energy" and "Principles of Energy Policy".

Indicative Content: Introduction to Energy Science; Environmental Impact of Energy Utilisation; Economics of Energy & Energy Regulation & Policy; Thermodynamics, Reaction Kinetics and Heat Transfer; Energy Storage Electromagnetism; Materials for Energy Applications; Fossil fuels, Combustion, Engines and Emissions; Nuclear Energy Reactions, Materials and Reactor Technologies; Electrical Machines and Power Electronics; Power Systems Analysis and Smart Grids; Electrochemical Cell Technology; Photovoltaics; Carbon Dioxide Capture & Storage; Wind Energy Generation and Utilisation; Biomass, Biofuels and Hydrogen; Raw Materials and Natural Resource Management; Energy Critical Raw Materials; Nuclear Safety and Environmental Impact.

Admission Requirements: This MSc is suitable for graduates who have achieved an upper second class honours degree or the international equivalent in either physical sciences or engineering. However, applications from similarly qualified candidates from knowledge or interest in the Energy sector.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/energyscience/

Application: Apply online via the programme webpage.

B09	MSc in Energy Science and Engineering	UL

Study Location: University of Limerick (UL Castletroy campus)

Programme Duration: 12 months

Programme Outline: The energy sector is rapidly evolving and in critical need of properly skilled individuals. The MSc in Energy Science and Engineering is designed for graduates of technical courses. It responds to industry needs, ensuring graduates are equipped with the skills to drive our necessary journey towards a sustainable, zero-carbon economy. Covering diverse aspects of energy, from generation to storage, the programme bridges the gap between science and engineering.

Indicative Content: Core – Experimental Design and Research Methodology; Scientific Communication and Literature Review; Energy Group Research Project; Energy Summer Research Project. Options – Engineering for Net Zero Carbon; Wind Ocean and Hydro; Earth and Atmospheric Science; Scalar and Vector Measurement and Analysis of Energy; Electric Vehicles and Sustainable Transportation; Modern Grids and Transmission of Power; Electrical Machines; Smart Demand Side Management; Advanced Energy Conversion and Storage; Physics of Solar and Nuclear Energy; Advanced Computational Methods in Physics.

Admission Requirements: Normally a primary degree (Level 8 – National Qualifications Authority of Ireland) at honours level 2.1 or above in an Energy related field (e.g. Physics, Applied Physics, Chemistry, Education, Chemical Engineering, Civil Engineering, Electronic Engineering, Mechanical Engineering).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ul.ie/gps/courses/Energy%20Science%20and%20Engineering%20-%20MSc

Application: Apply online via the programme webpage.

B10	MSc in Engineering	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The M.Sc. in Engineering is designed to provide graduate engineers with a specialist understanding in areas such as Environmental Engineering; Structural and Geotechnical Engineering; Transport Engineering; Sustainable Energy Engineering. This course is accredited by Engineers' Ireland, which is a member of the European Network for Accreditation of Engineering Education (ENAEE) and the Washington Accord and thus internationally recognised by signature countries, including China (CAST), India (NBA), UK and the USA (ABET).

Indicative Content: Core - Civil Engineering Management; Research Dissertation; Engineering Project; and Research Methods 1. Options - Façade Engineering; Advanced Spatial Analysis using GIS; Computation for Transportation Engineering; and Simulations for Geophysical Modelling; Air Pollution; Waste Management and Energy Recovery; Water Quality and Hydrological Modelling; Water Resource Planning and Climate Change; and Sustainable Water Supply and Sanitation; Geotechnical Engineering; Advanced Structural Analysis; Wind and Earthquake Engineering; Bridge Engineering; Advanced Concrete Technology; Offshore Geotechnical Engineering; A Unified Theory of Structures; and Advanced Theory of Structures; Wind Energy; Solar Energy Conversion and Applications; Energy Policy and Demand; and Wave and Hydro Energy; Transportation Policy; Transportation Modelling and Planning; Intelligent Transportation Systems (ITS); and Transport Design.

Admission Requirements: The minimum entry criteria is an upper second-class Honours degree (or equivalent) in an Engineering or related degree. Relevant industrial experience may be taken into account in allocating places, where the course is oversubscribed.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

B11	MSc in Environmental Technology	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The programme addresses the demand for graduates who have the skills to develop technological solutions for air, water and soil protection in existing and emerging sectors across industry (particularly the bioeconomy),

consulting companies and regulatory authorities. This programme will enable its students to acquire skills in the areas of environmental engineering, risk assessment, air pollution, waste management, life cycle assessment, GIS applications, energy systems and sustainable environment. Students will enhance their ability to work effectively as an individual, in teams and in multi-disciplinary settings, together with the capacity to undertake lifelong learning.

Indicative Content: Water and Wastewater Engineering; Life Cycle Assessment; Waste to Energy Processes & Technologies; Energy System & Sustainable Environments; Quantitative Risk Assessment for Human and Animal Health; Advanced Air Pollution; LCA Applications; Research, Teaching & Career Skills; Practical Applications in ArcGIS; Thesis.

Admission Requirements: An honours undergraduate degree (NFQ level 8) with a minimum second class honours or international equivalence in an engineering, science or technology degree programme.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X565

Application: Apply online via the programme webpage.

B12	MEngSc in Industrial Biotechnology and Biomanufacturing	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MEngSc in Industrial Biotechnology and Biomanufacturing is taught by staff from the College of Science, Engineering and Food Science at UCC in Ireland. It will equip you with the knowledge and skills for careers in industrial biotechnology, engineering biology, biomanufacturing, biorefinery, and bio-economy sectors. This interdisciplinary degree combines microbiology, biotechnology, and process & chemical engineering and caters to those of you coming from biological, chemical, or engineering backgrounds. There is a strong emphasis on industry-relevant and practical skills training alongside state-of-the-art academic content. As well as learning how to develop bioprocess solutions, you will acquire employment-related skills such as planning, teamwork, negotiating, communicating, and presenting ideas and results in written and oral format.

Indicative Content: Advanced Molecular Microbial Biotechnology; Microbial Strain Engineering; Microbial Physiology in Bioreactors; Biorefinery Concepts for the Bio-based Economy; Experimental Design and Data Analysis for Bioprocessing; Industrial Bioprocessing Systems; Manufacturing Excellence in the Bioprocessing Industries; Engineering Principles and Operation of Microbial Bioprocesses; Bioprocess Design Studio; Sustainable Biochemical Engineering; Dissertation in Industrial Biotechnology and Biomanufacturing.

Admission Requirements: Applicants must have obtained at least a Second Class Honours Grade 1 in a primary honours degree (NFQ, Level 8) in a subject(s) related to the programme. These include Process and Chemical Engineering, Biotechnology, Microbiology, Biochemistry, or another relevant engineering or life-science subject. Consideration under Recognition of Prior Learning (RPL) may also be given to applicants who do not meet the minimum academic entry requirements as stated above but who present with significant and directly relevant work experience. An interview may also be required for such applicants.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

B13	MSc in Innovative Technology Engineering	SETU

Study Location: South East Technological University (SETU Waterford Cork Road campus)

Programme Duration: 12 months

Programme Outline: The Masters in Innovative Technology Engineering is a one-year full-time programme. This degree aims to produce graduates with strong skills in critical thinking and with a creative attitude necessary to instigate future developments in the field of Engineering Technology. The student will attain an academic mastery in their specialisation field while developing a broad knowledge of other related fields and how these converge. The student will embark on a programme that will assess and analyse a number of emerging technologies and the developing potential for the convergence of these technologies. The course aims to prepare students for a rewarding career in industry or academic research. In addition, the course will facilitate for them the development of a set of personal and professional attributes that will allow them greater flexibility in the development of their own career options.

Indicative Content: Core – Advanced Mechanics & Material; Prof. Comm & Research Methods; Strategic Tech Innovation; Biomedical Science; Convergent Technologies; Novel Material: Prop, Sel & Exp; Prof. Dev & Prof Practice; Technology Management; Industrial Dissertation. Options – Control Engineering; Green Technology; Inventive Problem Solving; Nanotechnology; Quality Mgt & Reg Affairs; Technology Entrepreneurship; Biomedical Engineering; Cognitive Technology; New Product Dev Strategy; Technology Commercialisation.

Admission Requirements: The normal minimum expected entry requirement for the MSc in Innovative Technology Engineering will be a cognate accredited NFQ Level 8 Honours 2.2. Engineering or Science Degree. Entry to the programmes may also be allowed via the Institute's Recognition of Prior Learning (RPL) process on an individual case-by-case basis.

IELTS: Minimum overall score of 6.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.wit.ie/courses/msc_in_innovative_technology_engineering_full_time

Application: Apply online via the programme webpage.

B14	MEngSc in Materials Science and Engineering	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Materials Science and Engineering is an interdisciplinary field investigating the relationship between the structure of materials at atomic or molecular scales and their macroscopic properties. Materials Scientists and Engineers are at the centre of virtually every area of technology from optoelectronics to space materials and from automotive and automotive manufacturing to biomedical devices. The core knowledge in this field is essential in currently evolving advanced technologies such as additive manufacturing (also known as 3D printing) and nanotechnology. Graduates will gain expertise in fundamental materials science and real-world engineering application of materials, including metals, ceramics, composites and semiconductors.

Indicative Content: Core - Materials Science and Engineering II; Technical Ceramics; Materials Thermodynamics and Kinetics; Research Skills and Techniques; Advanced Polymer Engineering; Advanced Metals Processing; Project (MEngSc Materials). Options - Chemistry of Materials; Nanomaterials; Solid State Devices; Computational Continuum Mechanics I; Fracture

Mechanics; Energy Systems and Climate Change; Computational Continuum Mechanics II; Medical Device Design; Biomaterials; Physics of Nanomaterials; Renewable Energy Systems Analysis; Advanced Characterisation Techniques; Professional Engineering (Finance); Professional Engineering (Management); Technical Communication.

Admission Requirements: An honours undergraduate degree (NFQ Level 8) with a minimum upper second class honours or international equivalence in an Engineering or cognate Physical Sciences degree programme.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T286

Application: Apply online via the programme webpage.

B15	MEng in Mechanical and Manufacturing Engineering	DCU

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: This Masters programme allows the students to specialise in the widely established area of Mechanical and Manufacturing Engineering or to widen their knowledge from their undergraduate studies. It enables graduates to apply MEng Level 9 learning outcomes using computer–based technology to solve mechanical and manufacturing engineering problems. This programme introduces the use of advanced Computer Aided Engineering tools and, by experiencing these advanced techniques and software, the graduate will gain a vital edge. It allows the candidate to keep up with the rapidly changing manufacturing and design sectors. In addition, students can opt for a specialist Major in one of four areas: Simulation-driven Design, Advanced Manufacturing, Sustainable Systems and Energy, or Biomedical Engineering.

Indicative Content: Core - Research Practice and Methodology; Project (Related to Specific Major); Energy System Decarbonisation; Energy Auditing and Energy Management; Advanced Sustainable Energy Systems; Whole Life Cycle Analysis; Global Sustainable Development Challenges; Engineering Management and Engineering Economic Analysis; Manufacturing Systems Simulation; Manufacturing Process Analysis & Tool Design; Manufacturing Systems Simulation; Advanced FEA; Computational Thermo-Fluid Dynamics; Turbomachinery; Design for Clinical Practice; Biomechanics of Tissue Engineering; Advanced FEA; Computational Thermo-Fluid Dynamics. Options - Design for Clinical Practice; Energy System Decarbonisation; Finite Element Analysis; Heat and Mass Transfer; Biomechanics of Tissue Engineering; Engineering Management and Engineering Economic Analysis; Manufacturing Systems Simulation; Energy Auditing and Energy Management; Entrepreneurship for Engineers; Global Sustainable Development Challenges; Advanced FEA; Computational Thermo-Fluid Dynamics; Manufacturing Process Analysis & Tool Design; Advanced Sustainable Energy Systems; Whole Life Cycle Analysis; Turbomachinery.

Admission Requirements: A Primary Honours degree, Level 8 with an award of H2.2 (NFQ level 8 qualification) Honours degree in Mechanical and/or Manufacturing Engineering or a level 8 (NFQ level 8 qualification) Honours degree in other areas of engineering (Electrical/Electronic Engineering, Mechatronic Engineering, Civil Engineering, etc.)

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/3Fuh27j

Application: Apply online via the programme webpage.

B16   MSc in Mechanical Engineering   TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The M.Sc. in Mechanical Engineering addresses advanced topics over a wide range of Mechanical and Manufacturing Engineering subjects. Within the M.Sc., 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. The M.Sc. in Mechanical Engineering is designed to provide a flexible route to a Masters qualification for students who have completed a bachelors degree. It addresses advanced topics over a wide range of Mechanical and Manufacturing Engineering subjects.

Indicative Content: Core - Research Project; Research Methods. Options - Advanced Thermal Fluid Sciences; Engineering Vibrations and Noise; Control Engineering II; Instrumentation and Experimental Techniques; Introduction to Computational; Fluid Mechanics; Micro and Precision Manufacturing; Supply Chain Management; Safety Management Systems and Risk Assessment; Wind Energy; Energy Policy and Building Energy Demand; Wave and Hydro Energy; Transportation Policy; Advanced Spatial Analysis using GIS; Finite Element Analysis; Medical Device Design Innovation Project; Tissue Engineering; Biomechanics; Biomaterials; Turbomachinery; Deep Learning and its Applications; Low Carbon Transport Technology; Low Carbon Power Technology; Geo-resources and Carbon Impact; Cyber-physical Systems and Control.

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 engineering and science, may also be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/mechanical-engineering-mscpgraddipcert/

Application: Apply online via the programme webpage.

B17   MEng in Mechanical Engineering   TUD

Study Location: Technological University Dublin (TUD Dublin Bolton Street campus)

Programme Duration: 12 months

Programme Outline: This course is designed to provide mechanical engineering graduates, and graduates from closely-related engineering disciplines, with specialised skills and knowledge in mechanical engineering. The course consists of 12 taught modules and a Research Project module. The course focuses on numerical simulation techniques for structural and fluid-flow analyses, renewable and sustainable energy technologies, and biomechanics while also offering modules on innovation and entrepreneurship.

Indicative Content: Entrepreneurship for Engineers; Innovation and Knowledge Management; Research Methods; Statistical Analysis for Engineers; Lean Operations & Continuous Improvement Systems; Finite Element Analysis; Multibody Dynamics; Computational Fluid Dynamics; Heat and Mass Transfer; Advanced Energy Engineering Economics; Renewable Energy Engineering; Biomechanics; Research Project.

Admission Requirements: An honours bachelor degree, with a minimum attainment of second class honours grade 2, in mechanical engineering or a closely-related engineering discipline (e.g., manufacturing, chemical, energy etc.)

IELTS: Minimum overall score of 6.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/mechanical-engineering/

Application: Apply online via the programme webpage.

B18	MEngSc in Mechanical Engineering (Manufacturing, Process & Automation Systems)	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The Mechanical Engineering (Manufacturing, Process & Automation Systems) programme at UCC is designed to meet the global demand for skilled graduates in the manufacturing and process engineering industries. It provides students with a thorough understanding of modern manufacturing techniques, automation, and production processes. Graduates will be equipped to identify suitable manufacturing systems for various production requirements, analyze their performance, and apply technology, quality tools, and methodologies to design, redesign, and continuously improve manufacturing operations. The programme also emphasizes research skills, enabling students to plan, conduct, and oversee experiments, critically analyze data, and effectively communicate findings. Additionally, it fosters teamwork, leadership, and self-motivation, preparing students to work independently or as part of multidisciplinary teams.

Indicative Content: Core - Preliminary Research Project; Operations Management; Project Management; Dissertation in Mechanical Engineering. Options - CAD/CAM; Non-Destructive Testing; Mechanical Systems; Robotics; Advanced Robotics; Finite Element Analysis; Biomedical Design; Industrial Automation and Control; Programming in Python; Programming in Python with Data Science Applications; Data Analytics for Engineering; Pharmaceutical Engineering; Optimisation and Continuous Process Improvement; Process Validation and Quality; Mechanical Design of Process Equipment; Energy in Buildings; Energy Systems in Buildings; Introduction to Micro Electromechanical Systems (MEMS).

Admission Requirements: Candidates must have a minimum Second Class Honours Grade I in a primary honours degree (NFQ, Level 8) in mechanical engineering or a closely related engineering discipline that should have covered mechanical engineering fundamentals such as mechanics, thermodynamics, fluid mechanics and materials.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckr27/

Application: Apply online via the programme webpage.

B19	MSc in MSc in Product Design Control (Medical Device)	TUS

Study Location: Technological University of the Shannon (TUS Limerick campus)

Programme Duration: 12 months

Programme Outline: The majority of companies today operate in changeable industries adapting to customer needs, promoting innovation, regulatory requirements and staying competitive. Due to these challenges, today's products are continually

changing, e.g., making them lighter, smaller, faster, smarter. This has increased the demand for product development professionals such as engineers (mechanical, reliability, human factors, software), product/project managers, quality, risk management, and regulatory compliance leaders. The aim of this programme is to equip learners with the competence to learn the primary concepts of product design control and the necessary skills needed to be successful in product development in a regulated environment. Particular focus on intended use, user needs, design input, design verification, design validation and design transfer.

Indicative Content: Product Design Control; Quality Management; Project Management; Process Design Standards and Regulatory Affairs; Design Verification and Validation; Product Risk Management; Dissertation.

Admission Requirements: A minimum honours bachelor degree (Level 8) in any discipline or a minimum ordinary bachelor degree (Level 7) in any discipline with minimum two years relevant work-based experience and/or ability, evidenced by an RPL portfolio of prior experience and learning.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://tus.ie/courses/msc-product-design-control-full-time/

Application: Apply online via the programme webpage.

B20	MSc in Robotics and Embedded AI	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MSc in Robotics and Embedded AI at Maynooth University equips graduates from computing, engineering, and related disciplines with specialized expertise in designing and controlling intelligent machines. This multidisciplinary program blends computing, electronics, and mechanical engineering to address the complex challenges of robotics and embedded artificial intelligence. The program emphasizes innovation, teamwork, and practical problem-solving. Each semester features a combination of individual and team projects, allowing students to develop both independent problem-solving skills and collaborative expertise: the first semester focuses on design thinking and innovation, the second semester highlights system realization and evaluation, and the third semester is dedicated to an independent research project, conducted in partnership with industry or within the university's robotics research group. These projects ensure that students gain hands-on experience applying advanced theories and methodologies in robotics.

Indicative Content: Core – Deep Learning; Robot Design & Innovation Teams; Reinforcement Learning; 3D Vision and Augmented Reality; Embedded AI Team Project; Dissertation. Options – Machine Learning & Neural Networks; Artificial Intelligence & Language Processing; Computer Vision; Robotics & Automation; Digital Signal Processing; Robotic Actuation and Sensing; Introduction to Control Theory for Robotics; Numerical Computation; Autonomous Mobile Robotics; Cognitive and Autonomous Robotics; Human Robot Interaction; Advanced Realtime Systems.

Admission Requirements: Candidates should have a minimum 2.1 grade honours (level 8) degree in a cognate discipline such as engineering, computer science, physics or maths or their international equivalent. Candidates with a minimum 2.2 grade honours (level 8) degree in any discipline who can demonstrate at least five years of experience in software, embedded systems, or firmware development will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

| B21 | MEng in Robotics and Intelligent Manufacturing | UCD |

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The development and deployment of robotic as well as smart manufacturing technologies have become very important for a significant number of industrial sectors in Ireland and the rest of the world, including biomedical, pharmaceutical, agricultural as well as electronics manufacturing companies. The main barrier towards implementing modern, smart automation technologies in standard manufacturing practices is the lack of skills of automation experts in the areas of robotics and digital manufacturing. In Ireland, this is manifested in the difficulty Irish robotic and system integration companies have in recruiting engineers who can be readily involved in today's complex automation cell and line building projects. This is also reflected on the average salary of automation experts, which is among the highest in the country. The main goal of this programme is to produce experts with sufficient scientific and practical skills in the areas of robotics and smart manufacturing.

Indicative Content: Core - Supply Chain Design & Analysis; Engineering Project Management - Tools & Techniques; Data Analytics for Engineers; Introduction to Robotics; Engineering Decision Support Systems; Operations Management; Industrial Automation; Robotic Applications; Applied Robotics Research Project. Options - Control Theory; Entrepreneurship in Engineering; Machine Learning for Engineers; Biosensors & Actuators; Manufacturing Engineering II; Data Science in Python; Digital & Embedded Systems; Advanced Polymer Engineering; Technical Communication; Advanced Metals Processing.

Admission Requirements: An honours undergraduate degree (NFQ Level 8) with a minimum upper second class honours or international equivalence in a relevant Engineering or Science programme.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T405

Application: Apply online via the programme webpage.

| B22 | MEngSc in Structural Engineering | UCD |

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Studying this Masters, you will cover a wide range of topics not traditionally covered in undergraduate degrees; 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. Structural engineering is a continually evolving profession, and through the third Trimester Research Project you will learn how to apply this specialist knowledge to develop new concepts and ideas under the supervision of research active academic staff. This programme will distinguish you as having specialist knowledge in the area of Structural Engineering and provide you with a competitive edge over your peers in the job market. Modules are taught by a combination of experienced academic staff and senior industry practitioners to provide students with the conceptual and managerial perspectives vital to a successful career in structural engineering.

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

Admission Requirements: An honours undergraduate degree (NFQ level 8) with minimum 2:1 award or international equivalence in a Civil Engineering or Structural Engineering degree programme.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T279

Application: Apply online via the programme webpage.

B23	ME in Sustainable Electrical Energy Systems	TUD

Study Location: Technological University Dublin (TUD Dublin Bolton Street campus)

Programme Duration: 12 months

Programme Outline: This course has been planned in response to a need in Industry for a masters degree programme that addresses the technology of sustainable electrical energy systems and the issues surrounding their integration into electrical power systems. The main themes covered are: electrical power systems analysis, renewable electrical energy technology, power electronics, distributed generation, energy markets and global issues surrounding the supply and demand of energy. The course is aimed at graduate engineers who would like to continue their studies and at engineers who are currently working in the electrical/electronic and related industries who would like to move into an engineering role in the electrical energy systems area.

Indicative Content: Core - Embedded Generation; Energy Supply; Innovation and Knowledge Management; Power Systems Analysis 1; Renewable Energy Technologies (Solar, Wave, Tidal and Micro-wind); Wind Energy for Electricity Supply; Research Methods; Power Systems Analysis 2; Power Electronic Energy Conversion Systems; Statistical Analysis for Engineers; Entrepreneurship for Engineers; Research Project & Dissertation. Options - Gas and Electricity Markets; Sustainable Building Design.

Admission Requirements: A minimum Second Class Honours accredited bachelor degree (2.2 grade or higher) in Electrical or Electronic Engineering or a minimum Second Class Honours accredited degree (2.2 grade or higher) in a related engineering discipline e.g. mechanical, mechatronic or energy engineering. Applicants holding a qualification or combination of qualifications deemed by the Institute as being of equivalent standard to the above when taken in conjunction with relevant work experience may also be considered.

IELTS: Minimum overall score of 6.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/sustainable-electrical-energy-systems/

Application: Apply online via the programme webpage.

B24   MEngSc in Sustainable Energy   UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: In this MEngSc programme, we consider firstly how to reduce human impact on the climate through innovative low-carbon energy supply systems and secondly, how to provide a better standard of living for the world's growing population through access to sustainable and secure energy supplies. UCC's Sustainable Energy graduates will be required to source, design, convert, transmit and supply useful energy to meet our present and long-term needs for electricity, mobility and heating and cooling.

Indicative Content: Core - Transportation and Energy; Energy Systems in Buildings; Photovoltaic Systems; Wind Energy; Sustainability, Bioenergy and Circular Economy Systems; Ocean Energy; Energy in Buildings; Clean Energy Futures; Sustainable Energy; Architectural Design for Renewable Energy Projects; Preliminary Research Project in Sustainable Energy; Dissertation in Sustainable Energy. Options - Environmental Hydrodynamics; Finite Element Analysis; Power Electronics & AC Machines and Systems; Electric Vehicle Energy Systems; Energy Systems, Power Electronics and Drives; Control Engineering II; Electrical Power Systems; Smart Grids; Mechanical Systems; Energy Systems Modelling; Offshore Wind Energy; Data Analytics for Engineering.

Admission Requirements: Candidates must have a BE (Hons) or BEng (Hons) Degree or equivalent engineering qualification, with a minimum Second Class Honours Grade II (NFQ, Level 8). However, candidates with equivalent academic qualifications and suitable experience may be accepted subject to the approval of College of Science, Engineering and Food Science under Recognition of Prior Learning (RPL).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

B25   MSc in Sustainable Energy and Green Technologies   UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Sustainable Energy & Green Technologies enables you to focus on advanced education and training in the development and optimisation of renewable energy resource exploitation, the efficiency in energy generation and utilisation pathways (including energy conservation), the mitigation of environmental impacts, and preparation for business innovation and job creation opportunities in renewable energy systems technology development, plant biotechnology and entrepreneurship.

Indicative Content: The Bioeconomy; A strategy for sustainable fuel, material and chemical production; Life Cycle Assessment; Waste to Energy Processes & Technologies; Energy System & Sustainable Environments; Advanced Air Pollution; Renewable Energy Systems Analysis; LCA Applications; Research, Teaching & Career Skills; Biorefinery Process & Tech; Thesis.

Admission Requirements: An honours undergraduate degree (NFQ Level 8) with a minimum upper second class honours or international equivalence in an engineering, physical science or environmental related degree.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X413

Application: Apply online via the programme webpage.

B26	MSc in Sustainable Energy Engineering	SETU

Study Location: South East Technological University (SETU Waterford Cork Road campus)

Programme Duration: 12 months

Programme Outline: This programme has been designed to facilitate professionals practicing in the areas of building design, management and technology. Its' purpose is to provide expertise in terms of; energy use, environmental performance and sustainability in the design and operation of buildings and their associated facilities and services systems. The programme will focus on Sustainable and Low energy building design; Building energy performance and analysis; Dynamic thermal simulation; Low and zero carbon heat and power generation technologies; Energy policy and legislation; Energy auditing; Facilities management and Building pathology and investigation.

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

Admission Requirements: The normal minimum expected entry requirement for the MSc in Sustainable Energy Engineering will be a cognate accredited NFQ Level 8 Honours 2.2. Engineering or Science Degree. Entry to the programmes may also be allowed via the Institute's Recognition of Prior Learning (RPL) process on an individual case-by-case basis.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.setu.ie/courses/msc-in-sustainable-energy-engineering-ft

Application: Apply online via the programme webpage.

B27	MEngSc in Water Waste and Environmental Engineering	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This Masters prepares graduates to work in the broad field of Water, Waste and Environmental Engineering, including environmental protection and management. This programme is suited to both Civil Engineering graduates or graduates from closely related disciplines, such as Science or Physical Geography. 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; Research Skills for Engineers; Environmental Impact Assessment; Quantitative Methods for Engineers; Water Waste and Environmental Modelling; Environmental Research Project.

Options - Waste Management; Life Cycle Assessment; Civil Engineering Systems; Geographical Information Systems for Policy and Planning; Advanced Air Pollution; Environmental Engineering; Water & Wastewater Treatment Processes; Hydraulic Engineering Design; Sustainable and Nature-Based Water Infrastructure; Freshwater Resources Assessment.

Admission Requirements: An honours undergraduate degree (NFQ level 8) with minimum 2:1 award or international equivalence in civil engineering, other related engineering (such as chemical engineering, environmental engineering, agriculturial engineering), physical science or environmental related degree programme.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T277

Application: Apply online via the programme webpage.

C

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

C01   MSc in Ageing and Public Policy   UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: This Masters' in Ageing & Public Policy critically examines demographic ageing from a public policy perspective, and is driven by a commitment to research-led interdisciplinary education. It assesses existing approaches and future directions to secure effective and fair ageing societies. This MSc is a new innovative, interdisciplinary programme that delivers sought after transferrable and topic specific skillsets, and which incorporates an applied project and placements at national public, NGO and private organisations.

Indicative Content: International Policy and Ageing across the lifecourse; Social Exclusion and Inequalities in Later Life; Data Management and Survey Techniques; Dynamics of Ageing and Public Policy; Health Systems and Policy Analysis; Work, Pensions and Retirement; Environmental Gerontology and Ageing in Place Policy; Cost Benefit Analysis and Evaluation; Mental Health Law & Policy; Systematic Review Methods; Data Analytics for Social Science; Applied Research Project; Placements.

Admission Requirements: Applicants will require a H2.1 degree (NFQ Level 8 or equivalent) in a related social science discipline (e.g., economics; sociology; management; social work; policy orientated degrees) or a cognate field of study (e.g. health sciences; public health). Applications from people with commensurate experience in ageing-related policy and practice will also be considered.

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

Programme Webpage: https://www.universityofgalway.ie/ondemand/pg/businessandlaw/videos/mastersinageingpublicpolicy/

Application: Apply online via the programme webpage.

C02   MA in Applied Linguistics and Intercultural Studies   MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MA in Applied Linguistics and Intercultural Studies aims to provide students who already have a background in a foreign language and linguistics at undergraduate level with an opportunity to specialise at a postgraduate level in the areas of sociolinguistics, second language acquisition, corpus linguistics, bi- and multilingualism, second language pedagogy and the role of English in a globalised world. What makes this programme unique in Ireland is two-fold: the inclusion of Intercultural Studies, allowing students to expand their linguistic specialisation to cognate (inter)cultural contexts such as intercultural competence and the interplay of language and culture; and the genuinely multilingual orientation of the programme focusing not only on English, but also other international languages like French, German and Spanish. The programme introduces students to academic research, new ideas and approaches. It aims to equip students with academic, analytical, creative and reflective skills in order to foster interest and involvement in research in the fields of applied linguistics and intercultural studies.

Indicative Content: Core - Contemporary Issues in Applied Linguistics; Introduction to Sociolinguistics; Introduction to Intercultural Studies; Research Skills 1: Data Collection; Theories of Second Language Acquisition; Minor Thesis. Options - Global English, TESOL and EMI; Understanding Data in Language Development Research; Language Endangerment and Revitalisation; Methodologies of Teaching and Learning Languages.

Admission Requirements: BA in a cognate discipline such as languages, linguistics, media, communication, English (with at least II.1 Honours degree) or equivalent (e.g. significant experiential learning).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/3gBD9s0

Application: Apply online via the programme webpage.

C03	MSc in Applied Multilingualism	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Applied Multilingualism is designed to cater for increasing linguistic diversity in communities in Ireland, the EU and globally. The MSc in Applied Multilingualism provides a dynamic learning environment and experience that fosters problem-solving, critical thinking, and critical reflection in understanding, planning for, and supporting diverse multilingual individuals and their communities. The program aims to develop students' professional competencies within the field of multilingualism while emphasizing professional accountability and encouraging critical examination of their roles and expertise. It promotes the development of individual professional and research interests, enabling students to critically engage with current literature, adopt best practices, and design, conduct, and disseminate research in the field. The course cultivates advanced skills and adaptable attitudes essential for managing projects in collaboration with individuals from varied linguistic and cultural backgrounds, with the goal of enhancing their quality of life and well-being.

Indicative Content: Core - Research Methods; Sociolinguistics of Multilingualism; Cultural, Linguistic and Social Diversity; Psycholinguistics of Multilingualism; Dissertation in Applied Multilingualism. Options - Narratives in Childhood; Using evidence to inform practice; Advanced Language Skills I (French); Teanga na Gaeilge; Irish for Beginners II: Reading and Writing; Irish for Beginners I: Conversation & Listening Skills; Human Rights: An Introduction for Advocates and Activists; Beginners German Language 1; Cultural Awareness in Research; Advanced Language Skills I (Spanish); Advanced Language Skills I (Italian); Language for Environmental Futures II; Resisting through Culture: Conflicts in Europe and Beyond; Advanced Language Skills 2 (French); Audiovisual Translation: Interlingual Subtitling; Irish for Beginners II: Reading and Writing; Irish for Beginners I: Conversation & Listening Skills; Beginners German Language 2; Advanced Language Skills II (Spanish); Advanced Language Skills 2 (Italian); Applied Multilingualism: Theoretical Perspectives and Practical Approaches.

Admission Requirements: Applicants will be expected to possess a good quality first degree at NFQ Level 8 (at least an upper second class honours degree) or an equivalent qualification from Arts programmes (e.g., languages, education, psychology, sociology and political science, geography) or from medical, nursing, and health care programmes (e.g., speech and language therapists, occupational therapists, public health nurses).

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/applied-multilingualism.html

Application: Apply online via the programme webpage.

C04   MSc in Development Practice   TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The one-year Development Practice programme encompasses an integrated theoretical and practical approach with multidisciplinary training in four 'pillars' – health, natural, social, and management sciences. Thirteen core academic modules provide rigorous training across the core pillars, complemented by Masters-level training in research design, methodology, and methods including training in leading edge quantitative, qualitative, and digital tools and techniques. The programme includes a work-based or research placement which provide hands-on practical experience for students, often in international Development NGOs and international intergovernmental organisations. This programme trains a new generation of development practitioners with the skills to implement and manage comprehensive approaches to sustainable international development.

Indicative Content: Core - Globalisation and African Development; Smart and Sustainable Eco-Cities; Impact Measurement; Gender and Development; Climate Change: Science, Development and Justice; Civil Engineering for Sustainable Development; Development Economics; Global Health; Sustainable Agriculture and Land Use; Geographic Information Systems; Qualitative Research Methods; Theories of Development; Dissertation. Option - Global Classroom: Foundations for Sustainable Development Practice.

Admission Requirements: Achieved a first or upper second-class Honours degree (3.5 GPA equivalent) awarded by a reputable university or third-level institution, or a recognised awarding body (such as the NCEA). At least three years of appropriate employment are required if the degree requirements aren't met.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/development-practice-mscpgraddip/

Application: Apply online via the programme webpage.

C05   MSc in Economics – International Development   TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Economics at Trinity College Dublin 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 - Dissertation. Options - Linear Regression; Consumption & Production; Panel Data; Long-Run Development; Maths & Stats; Research Methods; Time Series; Multivariate Analysis.

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

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Application: Apply online via the programme webpage.

C06	MA in Environment, Society and Development	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MA-ESD will engage you on a critical exploration of the various practices of development and security that define our contemporary world, and ultimately how that critique can enable more informed, participatory and transformative interventionary practices. The programme involves engagement with a number of core areas in international development, critical security studies and political ecology, and will expose you to global concerns that encompass a complex and dynamic mesh of environmental, geopolitical and economic processes. On the programme, you will gain enormously from the field experience of working on the ground in an international development context, and as a graduate you will have the ability and ambition to activate a wide range of expert critical knowledges in shaping a more sustainable world.

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

Admission Requirements: Level 8 degree at H2.1 in relevant subject and H2.2 overall; GPA 3.0, or equivalent international qualification. Prior learning via relevant work experience is also recognised.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Application: Apply online via the programme webpage.

C07	MA in Geopolitics & the Global Economy	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MA in Geopolitics & the Global Economy equips students with an in-depth understanding of international relations, war, and conflict resolution as well as national, local and regional economic development, global economic processes, global political events and the knowledge economy. The course includes fieldwork in an overseas location such as Berlin or Madrid. Students acquire a solid grounding in the key knowledge and skills required by a geographer specialising in political or economic geography. Students can choose whether to study the political geography of Europe or US foreign policy in detail and can select a number of optional courses to focus on subject areas that interest them. These optional courses introduce the opportunity for interdisciplinary study with courses offered in political science, history and American studies.

Indicative Content: Core - Research Design; Critical Geopolitics and Diplomacy; International Fieldwork; Dissertation. Options - Development and the Global South; GIS Principles and Applications; Critical Geographies: Spatialising Power and Inequalities; Media and US Foreign Policy; Challenges in US Foreign Policy; News Media Today; Trump's America; Development Economics;

Globalization, Empire and Race: Economic Geography; Urban and Regional Development; Politics and Change in the Middle East and North Africa; The Global Politics of Cyber Security; Global Economic History; Global South Fieldwork: Vietnam; Geopolitical Risks and Crises; Theories of Global Justice; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security, and Defence Policy; Theory of Human Rights; International Security.

Admission Requirements: This programme is intended for applicants with an honours bachelors degree (NFQ Level 8) or international equivalent in any discipline including geography, political science, history, anthropology, economics and sociology, or professionals working in related fields. Applicants should have a minimum of an upper second class honours (2:1) degree or international equivalent at bachelors level. Applicants with a 2.2. may be considered after interview in exceptional circumstances.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W262

Application: Apply online via the programme webpage.

C08	MA in Global History	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The Global History MA is designed to encourage you to think about historical problems beyond their local, national and regional contexts, training you to think about how historical change happens because of the interaction of local, global and international factors. It is suitable for students who have previously studied history, as well as for graduates of related subjects like law, business and economics, modern languages, or social sciences. All of our teaching at postgraduate level consists of seminar style debates led by a world-class researchers. We do not lecture postgraduate students. Our courses will help you to understand and critically think about the latest international scholarship upon the subjects that interest you most.

Indicative Content: Core - Global History MA Methods; Disseminating History; Dissertation. Options - The Digital Humanities; Global History before AD 1000; Origins of Modern Diplomacy; Global Revolutions; Historiography and Historical Debate in Twentieth-century Ireland; Delving into the Archives; NATO's Wars: From Bosnia to Afghanistan; The Body in Modern Warfare; Research Collaboration; Landscape and Environment in Ireland, 1500-1800; De Valera's Ireland; Modern Asia; Body, Disease and Society; How the West came to rule.

Admission Requirements: Minimum of 2.1 or international equivalent BA History or a cognate subject. Minimum of 2.1 in BA History or a cognate subject.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=Z347

Application: Apply online via the programme webpage.

C09	MSc in Government and Politics	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc in Government and Politics is an exciting interdisciplinary taught master's programme that provides graduates with the expertise and work experience required for successful careers in public policy environments. The focus of the MSc Government and Politics is on governance. Government affects our day-to-day lives. It affects the food we eat, the healthcare we receive and the taxes we pay. Modern-day governance occurs at many levels: local, regional, national, European and international. To provide an understanding of contemporary governments we examine issues such as developments in democratic theory, regulatory reform and international relations. We also examines contemporary policy debates at a range of levels, looking at political reform in the Irish context, the changing dynamics of European governance as well as the challenges faced by democracy and the protection/advancement of human rights in the twenty-first century.

Indicative Content: European Democracy, Citizenship, Memory and Identity; EU Political System and Policies; Political Science Research Methods; Comparative Political Institutions; Politics and Gender; Re-imagining Democratic Politics in a Changing World; Core Themes in Political Philosophy; Dissertation in Government and Politics or Work-Based Dissertation in Government and Politics.

Admission Requirements: Applicants should have a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8)or an equivalent academic or professional qualification, in one of the following areas: Social Science, Arts, Commerce, Law or a related discipline or equivalent professional experience as deemed appropriate by the Head of Department of Government Politics and the College of Arts, Celtic Studies and Social Science under Recognition of Prior Learning (RPL). Applicants may be required to attend for interview or may be short-listed for an interview.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

C10	MSc in Human Rights	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme 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. You will either complete a research dissertation or undertake a monitored internship. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.***

Indicative Content: Core - Politics of Human Rights; Research Design; Human Rights Law and Equality; Theory of Human Rights; SPIRe Internship or Thesis. Options - Gender and Development; Law of the ECHR; International Refugee Law; Theories of International Relations; Politics of European Governance; Politics and Change in the Middle East and North Africa; Peace &

Conflict Studies; Gender & the Political System; Politics of International Trade and Investment; Applied Data Wrangling and Visualisation; Feminist Theory; Connected Politics 1; United Nations Human Rights Practice; International Migration Law; Gender, Conflict-related Harm & Transitional Justice; Politics of Development; Theories of Global Justice; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security, and Defence Pol.; Gender, Peace, and Security; Political Violence; Quantitative Text Analysis; International Security; IR Theory: Conflict and Identity; AI and Large Language Models.

Admission Requirements: A primary degree with at least Second Class Honours Grade 1 (2H1). 2H1 is equivalent to 60 per cent, B minus or 3.08 GPA.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W035

Application: Apply online via the programme webpage.

C11	MSc in Humanitarian Action	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This MSc provides high quality academic education and professional competencies for those working or intending to work in the area of humanitarian action and related areas. The programme aims to provide students with a broad foundation in the area of international humanitarian action, in which both critical thinking and research skills are emphasised. The goal is to deliver high level, committed, interdisciplinary trained personnel who can function with enhanced professionalism in the broad field of humanitarian relief, and are informed by their theoretical insights and humanitarian principles. The programme design integrates professional and research orientation that is intended to bridge the gap between academic research and the humanitarian work-field.

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

Admission Requirements: Applicants must hold a minimum of an upper second class degree, or international equivalent, in a cognate subject. Knowledge of languages of the place(s) of study is an asset. Practical experience in the area of humanitarian action and/or development is valued.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=D062

Application: Apply online via the programme webpage.

C12	MA in International Development	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MA 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. Students will examine challenges such as the reduction of inequality and exclusion, the expansion of economic and social choices, the progressive realisation of human rights, and the argument for sustainable development. Students will acquire a range of skills to enable them to work effectively in the development field.

Please note: Only one of approximately 200+ candidates will be offered a place on this course. Due to the high level of competition, we recommend applying only if you meet the minimum entry requirements and have substantial relevant work experience. You may wish to consider alternative course options such as the, the MA in International Development at Maynooth University.

Indicative Content: Core - Gender and Development; Research Design; Politics of Development; SPIRe Internship or Thesis. Options - NGOs: Law, Governance and Social Change; Theories of International Relations; Introduction to Statistics; Politics of European Governance; Politics of Human Rights; Politics and Change in the Middle East and North Africa; Peace & Conflict Studies; Gender & the Political System; Evidence-based Community Resilience: Applied Research Design; Linking Localisation with Humanitarian Management; Gender, Conflict-related Harm & Transitional Justice; Political Risk and Foreign Direct Investment; Theories of Global Justice; Comparative Public Policy; International Political Economy; Comparative European Politics; Theory of Human Rights; Qualitative Research Methods for Political Science; Gender, Peace, and Security; Political Violence; Quantitative Text Analysis; International Security; Programming for Soc Scientists.

Admission Requirements: A primary degree with at least Second Class Honours Grade 1 (2H1). 2H1 is equivalent to 60 per cent, B minus or 3.08 GPA - in American system: B or 3.00 GPA.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W301

Application: Apply online via the programme webpage.

C13	MA in International Development	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MA is designed to prepare participants for work in International Development in a community, local government, youth/adult education, or NGO setting. It offers learners an opportunity to explore contemporary theories of social change and development and to analyse development policies and practices. It builds skills especially in relation to research, leadership and working with groups and in the planning, management and evaluation of development projects. Learners can specialise within the programme by choosing from a number of elective areas that are most suited to their area of interest. The MA in International Development applies a learner-centred, participative approach to learning. This creates a unique learning environment that builds on both the diverse array of experiences of participants and on the knowledge and experience of facilitators and instructors.

Indicative Content: Core - Contemporary Global Issues, Challenges and Responses; Critical Learning and Participatory Development Practice; Gender, Identity and Inclusion; Research Methods; Dissertation. Options - Anthropology and Development; Managing Development Organisations; Conflict, Development and Security; Political Economy of Environment and Development; Global Food Systems, Climate Change and Development; Results Based Management for Development; Human Security and Conflict Intervention; Global Citizenship Education Recognition.

Admission Requirements: Undergraduate degree (NFQ Level 8 (or equivalent) honours 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. In exceptional cases, applicants without a primary degree may be considered on the strength of their professional work experience, other qualifications and completion of a qualifying essay.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/4dKiKxO

Application: Apply online via the programme webpage.

C14	MSc in International Development	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in International Development is designed to provide you with an interdisciplinary understanding of the process of development by bringing together expertise in politics, economics, agriculture, political economy and other areas. This programme aims to equip students with the skills and knowledge necessary to work in international development - either as a practitioner or as an academic/policy specialiist. Learning is designed to be participatory and a critical, but constructive, approach to interdisciplinary development issues (ecconomic, politival and other) is encouraged.

Please note: Only one of approximately 200+ candidates will be offered a place on this course. Due to the high level of competition, we recommend applying only if you meet the minimum entry requirements and have substantial relevant work experience. You may wish to consider alternative course options such as the, the MA in International Development at Maynooth University.

Indicative Content: Core - Gender and Development; Introduction to Statistics; Politics of Development; Qualitative Research Methods for Political Science; Thesis. Options - NGOs: Law, Governance and Social Change; Theories of International Relations; Politics of European Governance; Politics of Human Rights; Politics and Change in the Middle East and North Africa; Peace & Conflict Studies; Gender & the Political System; Evidence-based Community Resilience: Applied Research Design; Linking Localisation with Humanitarian Management; Gender, Conflict-related Harm & Transitional Justice; Political Risk and Foreign Direct Investment; Theories of Global Justice; Comparative Public Policy; International Political Economy; Comparative European Politics; Theory of Human Rights; Gender, Peace, and Security; Political Violence; Quantitative Text Analysis; International Security; Programming for Soc Scientists; Connected Politics 2.

Admission Requirements: A primary degree with at least Second Class Honours Grade 1 (2H1). 2H1 is equivalent to 60 per cent, B minus or 3.08 GPA - in American system: B or 3.00 GPA.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W303

Application: Apply online via the programme webpage.

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The dynamic MA in International Development Practice (MIDP) at University of Galway focuses on the wide-ranging social, economic, political and environmental challenges of our rapidly changing world. Spanning global concerns, from sustainable development and climate action, to food security and alleviating poverty, this MA's focus on international development challenges enables you to develop your capacities to understand and engage with both theories and practices relating to contemporary international development as a distinct career path, with a strong emphasis on inter-disciplinarity. Given that international development challenges are multi-dimensional, they require interlinked strategies across multiple disciplines and perspectives. The programme is led by highly experienced staff who work in multilateral agencies, and have a backgrounds in human rights, policy, planning, gender, migration etc, along with practical field based research experience across many countries worldwide.

Indicative Content: Core - Contemporary International Development Perspectives II; International Development Policy and Practice; Research Methods and Mapping; Introduction to Development; Data Analytics for Social Sciences I; Practical Research Project. Options - Climate Change, Agriculture, Nutrition & Global Health; Policy & Scenarios for Climate Change Adaptation & Mitigation; Gender, Agriculture & Climate Change; Writing a Review Article on a Sustainable Development Topic; Designing and Writing a Sustainability Research Fellowship Application; Critical Geopolitics and Security; Contemporary Issues in International Migration Law; Business and Human Rights 2; International Refugee Law; International Human Rights Law; International Humanitarian Law; Minority Rights; Gender and Human Rights; Gender, Women and Human Rights; Gender Perspectives on Globalisation; Language, Gender and Power; Human Rights and Global Governance; How to write a Peer-Reviewed Sustainability Primary Research Article; Climate Change, Natural Resources & Livelihoods; Development and Justice; NGOs and the Making of the 20th Century World; Humanitarian Communication; Women, Conflict and Human Security; Gender, Sexuality and Global Health; Applied Gender Analyses; Development and Human Rights; Communicating Climate Action and Science; CCAFS Science Communication; ENGLIGHT Summer School: Equity and Sustainability Transitions.

Admission Requirements: An upper second class degree in wide range of areas, including social or economic sciences, environmental sciences, management, business, health, human rights, engineering or sciences. In other circumstances, those with a lower degree grade or who have relevant work experience in the field of international development will be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/4jAYD6T

Application: Apply online via the programme webpage.

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: International Peace Studies students are immersed in an interdisciplinary, cutting-edge course of study that examines the causes and consequences of war and armed conflict, with a view to understand how to achieve sustainable peace. Lecturers draw on interdisciplinary perspectives from politics and political science, international relations, philosophy, sociology, ethics, and conflict resolution. Topics covered include: The Politics of Peace and Conflict; Research Methods; Forced

Displacement, Conflict and Peacebuilding; Conflict Resolution & Negotiation Across Worldviews; Human Rights; UN and Conflict Resolution; Gender in War and Peace; and an Internship Module. The course provides students with the opportunity to engage with those working in conflict resolution and peace-building, by providing an internship module, field trips to Belfast and UN Geneva, and various guest lectures from experienced diplomats and NGO officials throughout the year.

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

Admission Requirements: Applicants should normally have an Honours degree at second-class (2.1) level or GPA 3.2 (or above). Students not meeting these criteria may be considered at the discretion of the Dean of Graduate Studies in exceptional circumstances.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/az/course.php?id=DPTRE-IPES-1F09

Application: Apply online via the programme webpage.

C17	MA in International Peacebuilding, Security and Development	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The Master's programme in Peacebuilding, Security and Development Practice offers a rewarding learning experience for those who wish to work in development and peacebuilding in conflict or post-conflict contexts. Integrating negotiation skills with an analysis of wider conflict and development issues, it provides participants with critical insight into the spectrum of international conflict intervention. This includes theory, strategies and practices which range from addressing resource conflict and the use of negotiation tools in the wake of climate change, to the role of governments, business and civil society in participatory peace processes. It explores issues around gender and conflict, racism and human rights; and it addresses security concerns which arise from poverty, exploitation and global economic crises. Drawing on insights from peace education, human security and community development processes, it challenges top-down imposed solutions and examines what's involved in participatory, community-led processes of change.

Indicative Content: Core – Contemporary Global Issues, Challenges and Responses; Conflict, Development and Security; Introduction to Peace Processes and Conflict Intervention; Theory and Practice of Mediation, Negotiation and Dialogue; Research Methods; Dissertation. Options – Critical Learning and Participatory Development Practice; Managing Development Organisations; Political Economy of Environment and Development; Gender, Identity and Inclusion; Human Security and Conflict Intervention.

Admission Requirements: Undergraduate degree (NFQ Level 8 or equivalent honours 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. In exceptional cases, applicants without a primary degree may be considered on the strength of their professional work experience, other qualifications and completion of a qualifying essay.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/3FJF7qF

Application: Apply online via the programme webpage.

C18	MSc in International Politics	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in International Politics is a one-year full-time course that emphasizes research methods and skills in the theoretically guided study of developments in international politics. Topics covered may include but are not limited to questions around conflict and security, the development and stability of political regimes, policy making, economic inequality, and EU politics. Students will learn to design and conduct their own research using relevant social scientific theories and methods. They will also develop the skills to communicate research effectively in a variety of forms.

Indicative Content: Core - International Politics; International Conflict; Research Design; Introduction to Quantitative Research Methods; Dissertation. Options - Government and Politics of the EU; The Political Economy of International Development; Russian Politics under Putin; Qualitative Methods; Interviews in Political Science; Great Power Politics; Middle Eastern Politics; Global Justice; European Union Policy Making; State and Society in the Developing World; Varieties of Authoritarianism; Economic Inequality and Democracy; and Political Illiberalism.

Admission Requirements: Candidates should normally have achieved an upper second-class Honours degree or higher from an established university. GPA scores of at least 3.3, or equivalent, are expected from international applicants. A background in a social science is advantageous but not a necessity.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/international-politics-msc--pgraddip/

Application: Apply online via the programme webpage.

C19	MSc in International Public Policy and Diplomacy	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc in International Public Policy & Diplomacy (MSc IPPD) at University College Cork is an innovative, interdisciplinary, taught master's course that provides our graduates with the expertise required for successful careers in international policy environments. Offering core modules from Government and Politics, History, Law and Food Business and Development, giving access to expertise across a diverse range of subjects. The MSc International Public Policy & Diplomacy programme is strongly orientated toward vocational skills training, through coursework and an opportunity to undertake a work placement. The MSc 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: Core - Contemporary Global Challenges Facing Policymakers; Processes of Government Decision-Making in Relation to International Affairs; International Economic Policies and Institutions; International Law; Institutions and Policies of the European Union (EU); Work-based Dissertation in International Public Policy & Diplomacy, or Dissertation in International Public Policy & Diplomacy.

Admission Requirements: The minimum requirement for applicants is a Second Class Honours Grade I in a primary honours degree (NFQ, Level 8) in any subject; Applicants who hold a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) will also be considered under Recognition of Prior Learning (RPL) subject to their 'motivation statement' and references. In exceptional circumstances, substantial professional experience in a relevant field may be accepted as compensating for the absence of an undergraduate degree, subject to approval by the programme director and the College of Arts Celtic Studies and Social Science.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

C20	MA in International Relations	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MA in International Relations is a one-year comprehensive programme based at the School of History in UCC. The programme draws on international relations, conflict/peace studies and international history; it explores issues such as war and peace, the international order, international crises, counter-insurgency, terrorism and foreign policy. The MA course combines an exploration of the contemporary world with a study of the past. It is a field of study that considers the subtleties of diplomacy together with the stark realities of state interactions and looks at how these interactions impact our world. This field of study is of immense importance in today's richly connected complex world and consequently, individuals skilled in navigating these international relations are prized by potential employers.

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

Admission Requirements: Applicant will normally have a primary degree of at least Second Class Honours Grade I level in a suitable subject or the equivalent. Applications from students with a Second Class Honours Grade II degree in a suitable subject may also be considered under Recognition of Prior Learning (RPL). These applicants may be requested to submit a proposal and/or attend an interview.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: DCU's MA in International Relations, the oldest of its kind in Ireland, is known for its dedicated staff with a wide range of expertise and its diverse student body. 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. In the first semester, the core introductory subjects are offered in small classes that offer students an intellectual toolkit to use throughout the course, and also help the students to get to know each other. In the second semester, students can choose from the many optional modules developed specially for the MA in International Relations, as well as modules from a host of other programmes in international relations, security studies, public policy, and law. These normally include issues such as international politics, human rights, the economy, communications, trade, area studies, and environmental protection.

Indicative Content: Core - International Political Economy; Principles of Public International Law; International Relations Theory; Research Methodology; Dissertation. Options - Gender Sexuality & Migration; European & International Human Rights Law; Race, Minorities & Indigenous in International Law; Gender, Masculinities & Colonialism; Gender & Politics; Environmental Change & World Politics; Statehood & Recognition in World Politics; Asylum and Migration in the European Union: Politics and Policies; International Development Practice; Russia & the Former Soviet Space; Irish Foreign Policy; Conflict, Security & Peacebuilding; Politics & Development in Sub-Saharan Africa; Politics of the UN; Politics of the Middle East & North Africa; EU Foreign and Security Policy; War & Peace in South Asia; Religion, Human Values & International Relations.

Admission Requirements: A degree at the level of an Irish or UK Honours undergraduate degree (H2.2 or above) or equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.dcu.ie/courses/Postgraduate/law_and_government/MA-International-Relations.shtml

Application: Apply online via the programme webpage.

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: The MA in International Security and Conflict aims to provide you with the tools to make your own analysis in our increasingly interconnected world. Core subjects in the first semester help to set out the foundations of security, conflict, and peace. In the second semester you will find a wide range of optional modules on offer. These normally include development, trade, human rights, political terrorism, climate change, gender, and area studies such as Asia or Africa. You will also write a dissertation of up to 15,000 words.

Indicative Content: Core - Research Methodology; International Security; Resolving and Managing Conflict; International Law and Conflict; Dissertation. Options - International Security: Critical Approaches; Environmental Change and World Politics; Emerging Issues in Security; Race, Minorities & Indigenous in International Law; Counter-Terrorism in Europe; The Governance of Migration in Europe; International Development Practice; Russia & the Former Soviet Space; Irish Foreign Policy; Conflict,

Security and Peacebuilding; Statehood and Recognition in World Politics; Political Terrorism; Politics and Development in sub-Saharan Africa; Politics of the UN; Politics of the Middle East and North Africa; War and Peace in South Asia.

Admission Requirements: A degree at the level of an Irish or UK Honours undergraduate degree (H2.2 or above) or equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/4kl1HF7

Application: Apply online via the programme webpage.

C23	MA in International Studies	UL

Study Location: University of Limerick (UL Castletroy campus)

Programme Duration: 12 months

Programme Outline: The MA in International Studies is a one year, full-time programme which uses the disciplinary insights provided by international relations theories to investigate and explain contemporary international issues such as terrorism, nuclear proliferation, global inequality and globalisation. Core modules are supplemented by a wide range of departmental electives, allowing students develop expertise in areas of their own interests.

Indicative Content: Core – Graduate Seminar in International Relations; Graduate Research Methods; Graduate Seminar in International Co-operation and Conflict; Research Methods; Dissertation. Options – Graduate Seminar in Development; 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 Peacebuilding; Graduate Seminar in European Governance; Global Transformation and Exclusion; External Relations of the European Union; Russian and Post Soviet Politics; Foreign Aid and Development; Development Practice and Programme Management; Global Justice; Representative Democracy in Europe; International Political Economy.

Admission Requirements: A primary degree in a relevant discipline (e.g. economics, history, geography, political science, sociology, European studies, law), with a minimum result of a second honours, or an approved qualification.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ul.ie/gps/course/international-studies-ma

Application: Apply online via the programme webpage.

C24	MA in Journalism	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MA Journalism at University of Galway is an innovative, digital-first journalism programme focusing on key multimedia skills needed to work in the modern newsroom. The programme aims to train students to work in the fast-paced world of journalism, equipping graduates with essential training in traditional reporting skills for print, online and broadcast, as well as digital media experience in audience development and analytics, data journalism, podcasting and OSINT verification.

Indicative Content: Core - Journalism Bootcamp; Reporting Economics and Politics; Global Media and Society; Multimedia Newsdays; Media Law; Researching the Media. Options - Climate Justice; International Peace Operations; International Human Rights Law; Reporting Economics and Politics; Digital Production; Data Journalism and Visualisation; Investigating Miscarriages of Justice; Introduction to Palaeoclimatology; Multimedia Newsdays; NGOs and the Making of the 20th Century World; Researching the Media; International News: global media perspectives & foreign correspondence; Introduction to Investigative Reporting; Documentary Journalism and Society (Radio + Podcasting); Global Media Innovation; Hybrid Storytelling: formal experiments for more powerful factual storytelling; Documentary Journalism and Society (Video); Dissertation: Journalism, communication and media; Final Project for journalism, media and communication.

Admission Requirements: To be accepted you must have a minimum Second Class Honours degree (ideally at 2.1 honours or higher) or equivalent.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/journalism.html

Application: Apply online via the programme webpage.

C25	MA in Journalism & International Affairs	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The CNN Academy UCD Clinton Institute MA in Journalism and International Affairs is a one-year programme that combines practical training in audio, video, digital, and social storytelling with academic expertise in international affairs. The programme will equip new generations of journalists to report on critical global issues of the day, from climate change, to human rights to terrorism. It will appeal to and reward those with a passion to not only understand the world but explain it in ways that are informative and transformative. The MA will combine theoretical discussion with experiential learning to provide students with a comprehensive understanding of international news media and the skills to undertake leading roles in that environment. The syllabus is co-created and delivered by CNN Academy and UCD Clinton Institute, connecting the classroom to the newsroom, affording direct collaboration with the news industry and access to best practices in cross-platform journalism and news production.

Indicative Content: Core - Journalism & International Aff; CNN Academy Newsroom 1; Research Skills and Methods 1; CNN Academy Newsroom 2; Research Skills and Methods 2; Minor Thesis or Multimedia Thesis. Options - Challenges in US Foreign Policy; Public Diplomacy and Soft Power; The Global Politics of Cyber Security; Politics and Digital Storytelling; War, Peace, and Globalisation; Modern Asia.

Admission Requirements: An honours undergraduate degree (NFQ level 8) in a relevant subject area with a minimum upper second class honours UCD GPA of 3.08 or the international equivalent is required.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=Z365

Application: Apply online via the programme webpage.

C26   MA in Migration, Mobility & Culture   UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: This cutting-edge Master's in Migration, Mobility and Culture (MMC) will form graduates with a multi-focal and transnational understanding of the global grand challenge of migration and its relationship to culture, politics and the social sciences. In this one-year degree, you will engage with experts on migration from a range of disciplines, including Sociology, Languages, Literatures, Geography, Law, Applied Social Studies and Public Health. The MA in Migration, Mobility and Culture is a UCC Futures Signature Programme, aligned to Collective Social Futures and Future Humanities, and showcases UCC's research-intensive, innovative interdisciplinary mission while enabling breadth of learning. MMC will give staff and students the opportunity to test new ideas and develop graduate attributes that are unique to UCC. With its interdisciplinary, practical and skills-enhancing content and wide-ranging types of assessment, the MA in MMC is designed to match the urgent need for initial and advanced training of professionals in all areas of society where specific knowledge regarding the complexity of interactions among people of different cultures, ethnicities and social groups is necessary.

Indicative Content: Core - Mobility, Plurilingualism and Intercultural Communication in a Globalized World; Theorising the Global: Migration Studies, Postcolonialism, and Critical Theory; Research Skills in Migration, Mobility and Culture; Im/mobilities: Forced Migration and Belonging; Migration, Mobilities and Social Policy; Dissertation/Major Project in Migration, Mobility and Culture or Multilingual Cork: Creating a Transnational Interview Archive. Options - Migration and Culture; Metropolis, Mobility and Minorities; Conceptualising Society, Space and the City; Migration and Public Health; Contemporary Global Politics; Humanitarianism and the Law.

Admission Requirements: Applicants must have at least a Second Class Honours Grade 1 in a primary honours degree (NFQ, Level 8) in any discipline. Applicants who hold a Second Class Honours Grade 2 in a primary honours degree (NFQ, Level 8) in any discipline may also be considered and an interview may be required for such applicants.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

C27   MSc in Peace and Conflict   UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This programme uses comparative political science models and methods to analyse patterns of conflict and settlement, with a focus on internal violent conflicts, past and present. This course allows analysis of the different ways that religion, ethnicity and inequality combine to generate violence. Specialist resources in the study of theories of ethnicity, identity, conflict; comparative ethnic conflict; Northern Ireland, Western Europe and relevant cognate specialisms in civic republicanism, justice and human rights, international security, European politics, and development studies. Includes additional research components and is particularly suitable if you want a career in research or academia. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.***

Indicative Content: Core - Introduction to Statistics; Peace & Conflict Studies; Qualitative Research Methods for Political Science; International Security; Thesis. Options - Media and US Foreign Policy; International Refugee Law; Theories of International Relations; Politics of European Governance; Politics of Human Rights; Politics and Change in the Middle East and North Africa; Gender & the Political System; Applied Data Wrangling and Visualisation; Connected_Politics 1; Decoloniality and Intersectionality Thinking; Gender, Conflict-related Harm & Transitional Justice; Politics of Development; Theories of Global Justice; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security, and Defence Pol.; Theory of Human Rights; Gender, Peace, and Security; Political Violence; Quantitative Text Analysis; Programming for Soc Scientists; Connected_Politics 2; IR Theory: Conflict and Identity; Nationalism and Social Change.

Admission Requirements: A primary degree with at least Second Class Honours Grade 1 (2H1). 2H1 is equivalent to 60 per cent, B minus or 3.08 GPA.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W408

Application: Apply online via the programme webpage.

C28	MA in Peace and Conflict	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This programme uses comparative political science models and methods to analyse patterns of conflict and settlement, with a focus on internal violent conflicts, past and present. This course allows analysis of the different ways that religion, ethnicity and inequality combine to generate violence. Specialist resources in the study of theories of ethnicity, identity, conflict; comparative ethnic conflict; Northern Ireland, Western Europe and relevant cognate specialisms in civic republicanism, justice and human rights, international security, European politics, and development studies. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.***

Indicative Content: Core - Peace & Conflict Studies; Research Design; International Security; SPIRe Internship or Thesis. Options - Media and US Foreign Policy; International Refugee Law; Theories of International Relations; Introduction to Statistics; Politics of European Governance; Politics of Human Rights; Politics and Change in the Middle East and North Africa; Gender & the Political System; Decoloniality and Intersectionality Thinking; Gender, Conflict-related Harm & Transitional Justice; Politics of Development; Theories of Global Justice; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security, and Defence Policy; Theory of Human Rights; Qualitative Research Methods for Political Science; Gender, Peace, and Security; Political Violence; Quantitative Text Analysis; Programming for Social Scientists; IR Theory: Conflict and Identity; Nationalism and Social Change.

Admission Requirements: A primary degree with at least Second Class Honours Grade 1 (2H1). 2H1 is equivalent to 60 per cent, B minus or 3.08 GPA.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W410

Application: Apply online via the programme webpage.

C29   MA in Peace and Development Studies   UL

Study Location: University of Limerick (UL Castletroy campus)

Programme Duration: 12 months

Programme Outline: In this MA in Peace and Development Studies, 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. A prime objective of the course is to provide individuals with expertise in peacebuilding and development issues and to provide informed and committed personnel to contribute effectively in these areas at a professional level.

Indicative Content: Core – Graduate Seminar in Development; Graduate Research Methods; Graduate Seminar in Peacebuilding; Dissertation. Options – Contemporary Political Theory; International Relations; Institutions and Policies of the European Union; Public Administration Theory & Practice; International Co-operation and Conflict; European Governance; Representative Democracy in Europe; Global Justice; Feminist Perspectives in Conflict and Development Issues; International Political Economy; Comparative Climate Policy and Politics.

Admission Requirements: Normally, a primary degree in a relevant discipline with First or Second Class Honours or an approved equivalent qualification.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ul.ie/gps/course/peace-and-development-studies-ma

Application: Apply online via the programme webpage.

C30   MA in Public Advocacy and Activism   UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MA in Public Advocacy and Activism is an interdisciplinary programme that combines training in the practical skills of advocacy and activism with an exploration of the theories and concepts that inform these fields. No other programme in Ireland offers students the opportunity to acquire skills and training in such a breadth of disciplines, including communications, human rights, and sociology. By drawing on the expertise of scholars and practitioners across these fields, the MA provides the skills crucial for those who wish to work in organizations that seek to shift attitudes and initiate change, including those working in community organisations, international relations, development, labour, rights, health and the environment.

Indicative Content: Core - The Practice and Theory of Advocacy; Short Filmmaking for Advocates; Communication, Media & Marketing for Advocates; Dissertation. Options - Human Rights and Social Justice; Reporting Economics and Politics; Film, Politics, and Colonialism; Social and Political Context of Activism and Advocacy; Service Learning For Advocacy and Activism; Media for Social Change; Political Theory and Political Obligation: Authority, Autonomy and Reason; Introduction to Investigative Reporting.

Admission Requirements: Level 8 degree or equivalent H2.2. GPA 3.0 or international qualification.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/publicadvocacy/

Application: Apply online via the programme webpage.

C31	MA in Public Affairs and Political Communication	TUD

Study Location: Technological University Dublin (TUD Dublin city centre campus)

Programme Duration: 12 months

Programme Outline: Public affairs and political communication is a specialisation within strategic communication, focussing on aspects of politics from managing election and referendum campaigns, to party branding strategies, to working for NGOs, charities and not for profit organisations on advocacy and issues-led campaigns. It's about creating the environment where political dialogue can be fostered, and engagement between citizens and their elected representatives turns ideas to policy and action.

Indicative Content: Digital Public Affairs; Ethics and Political Process; Internship; MAPR Research Methodology; Political Structures; Public Affairs Writing; Strategic and Corporate Environment; Theory and Practice of Public Affairs I; Introduction to Video Production and Presentation; Public Affairs Writing; Digital Public Affairs; Theory and Practice of Public Affairs II; Political Marketing; Research Methods; Internship. Dissertation.

Admission Requirements: An honours bachelor's degree with at least a 2.2, or equivalent, in any discipline. .

IELTS: Minimum overall score of 7.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.dcu.ie/courses/postgraduate/school-communications/ma-political-communication

Application: Apply online via the programme webpage.

C32	MA in Public Policy	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MA in Public Policy prepares its graduates to work in government, public bodies, civil society organisations, NGOs, international organisations, businesses and other fields and organisations that require an expert understanding of policymaking, administration and governance. In addition to core policy and research training modules, students can also opt for a module in data analytics for public policy. At a time when policy design and implementation are increasingly subject to political scrutiny and negotiation, the course emphasises the political contexts in which policy is made and the new forms of public consultation and participation.

Indicative Content: Core - Public Policy and Politics; Policy Challenges: National, European and Global; Research Methods and Methodology; Public Policy Seminar; Research Workshops. Options - Families and Children in Society and Policy; Negotiations; Data Analytics for Social Sciences 1; Development and Human Rights; Applied Gender Analyses; Women, Conflict and Human

Security; ENLIGHT Summer School: Equity and Sustainability Transitions; Urban Public Policy: Smart & Liveable Cities; Conflict, Peace & Security; Irish Politics North and South; Social and Political Context of Activism and Advocacy; Gender, Sexuality and Global Health; NGOs in the 20th Century and the Making of the 20th Century World; Crime and Disorder; Global Issues in Agricultural, Marine and Renewable Energy Economics; Environmental Economic Modelling; International Policy and Ageing across the Life Course; Strategic Communication; Communicating Climate Action and Science; European Consumer Law and Policy; Advocacy and Access to Justice; Professional Experience (Placement).

Admission Requirements: A primary degree or its equivalent, with Second Class Honours Grade 2 overall. Applicants should also have achieved an upper Second Class Honours degree (2.1) or equivalent, GPAs of at least 3.0 of 4.0 or equivalent for international students, in a relevant subject such as Sociology, Politics, Public or Social Policy, Geography, History, a language, Economics, Business, Law. An interview may, in addition, form part of the application process.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/public-policy-ma-pdip.html

Application: Apply online via the programme webpage.

C33	MSc in Public Policy	DCU

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: The MSc in Public Policy equips graduates with the knowledge and skills to navigate and address 21st century policy challenges, from the post-pandemic economic and social recovery to climate action and Brexit. You'll take four core modules and choose two other modules from a suite of options, followed by a Policy Analysis Exercise. An innovative departure from the traditional dissertation, this Policy Analysis Exercise — which can be linked to your employment — is an opportunity for you to work on real policy problems set by public organisations.

Indicative Content: Core - Public Policy Analysis; Political Theory and Public Policy; Research Design for Policy Makers; Policy Challenges; Quantitative Methods for Social Sciences 1; Policy Analysis Exercise. Options - EU Institutional Law; Climate Change Policy and Governance; Housing Policy; Educational Policy; Environmental Change and World Politics; Public Policy Evaluation; EU Banking and Finance Law; Climate Change and Cities; Legislative Drafting; Future Generations: Priorities, Policies, Politics; Law and Politics of Brexit; Irish Foreign Policy; EU Trade Law and Policy.

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

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/3Ng2nMS

Application: Apply online via the programme webpage.

C34   MPhil in Race, Ethnicity and Conflict   TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: This one-year postgraduate course examines the techniques used by states and international agencies to manage peoples and conflict, their social and cultural impact and the responses they elicit. It applies a wide variety of sociological theories to racialisation, gender, migration, ethnic conflict and peace-making. Students are taught to complete an independent research project on these issues. Staff, students and alumni form a friendly, ethnically diverse intellectual community with links to Trinity's Centre for Post-Conflict Justice, the Long Room Hub, Trinity Research in Social Sciences, the Migration and Employment Research Centre, and the Conflict and Resistance Research Group all in Trinity College Dublin, and with a host of national and international academic and civil society organisations involved in race critical theory, critical peace studies, anti-racism, migrant support, Traveller rights and nomadism.

Indicative Content: Core - Race and Ethnicity: Theoretical Concept;.Research Methods and Colonialism; Conflict and Liberal Intervention; Dissertation. Options - International Human Rights Law; Gender, War and Peace; Race, Ethnicity and Social Policy; Conflict Zones: Case Studies; Race, Ethnicity and Education in Europe and North America; Labour, Migration, Conflict; United Nations and Conflict Resolution; and Rethinking European Citizenship and Contemporary Sources of Conflict.

Admission Requirements: Candidates should have an undergraduate degree at upper second-class level or equivalent (GPA of at least 3.2) in one of the Social Sciences or a degree that has included Social Science as a component. In exceptional cases, candidates without a first degree may be accepted directly into the programme if they can demonstrate they possess the equivalent of a good first degree, have work experience in the fields of population movement, conflict, and/or publications that demonstrate analytical skills. Applicants seeking admission in this category may, where practicable, be called for interview.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/race-ethnicity-conflict-mphil/

Application: Apply online via the programme webpage.

C35   MA in Refugee Integration   DCU

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: The Master of Arts in Refugee Integration offers you a unique opportunity to engage with the critical challenges facing our world today. As we face a polycrisis of global proportions—from climate-induced displacement to growing social inequalities—this programme, offered by the School of Applied Language and Intercultural Studies, prepares you to be a leader in addressing these urgent issues, while opening doors to a wide variety of career paths across advocacy, policy, and humanitarian sectors.

Indicative Content: Core – Forced Migration and Host Societies; The Refugee Journey: Mobility, Adaptation, and Integration; Education in Forced Migration Contexts; Research Methods; Dissertation. Options – Gender Sexuality and Migration; Translation in Crises; Environmental Change and World Politics; Race, Minorities & Indigenous in Int'l Law; International Development Practice; Politics and Development in sub Saharan Africa; Governance of Migration in Europe; Politics of the UN; Politics of the Middle East and North Africa; Working with Refugees and International Protection Applicants.

Admission Requirements: A degree at the level of an Irish or UK Honours undergraduate degree (H2.2 or above) or equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.dcu.ie/courses/postgraduate/salis/ma-refugee-integration

Application: Apply online via the programme webpage.

C36	MSc in Sustainable Development	TUD

Study Location: Technological University Dublin (TUD Dublin Bolton Street campus)

Programme Duration: 12 months

Programme Outline: Sustainable Development is at the heart of environmental, social and economic policies being developed and enacted by business, state and NGOs. This course, which includes a work placement, provides a broad knowledge and understanding of sustainable development including the issues, techniques, management and applications relevant to the living and working environment.

Indicative Content: Core - Climate Change – policy analysis; Ecology; Economy and Sustainable Development; Environmental Law & Institutions II; Progress & Placement; Research Techniques; Society and Sustainable Development; Spatial Planning and Sustainable Communities; Sustainability in Business; Sustainable Development and Public Policy in a European Context; Dissertation. Options - Social Economy Enterprise Development; Behavioural Change and Active Travel; The Bioeconomy: A Model for Sustainable Food & Drink Production; Biodiversity and Nature Conservation; The Nature of Nature; Project Management; Environmental Design & Management; Local Governance, Development, & Innovation; Placemaking; Housing Policy & Practice; Introduction to Sustainable Transport & Mobility; Collaborative Planning; Awareness and Promotion of Sustainability.

Admission Requirements: Honours Bachelor Degree in any relevant discipline at 2.2 grade or higher, or equivalent. Eligible candidates may be interviewed where work/career experience is being considered in lieu of academic qualifications. Applications will be assessed based on your academic grades and may also take into account your work/life experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/sustainable-development/

Application: Apply online via the programme webpage.

D

International Law, Human Rights Law, Business Law

D01   LLM in Alternative Dispute Resolutions   UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The LLM (Alternative Dispute Resolution) programme will engage you in the practice and policy context of alternative dispute resolution methods including mediation both nationally and internationally. Taught by leading scholars and mediation practitioners, this course provides a theoretical and practical grounding in dispute resolution, including mediation. On completion of the course, you will have a deep understanding of the nature of conflict and conflict management; the spectrum of dispute resolution processes; and mediation in practice. You will also be equipped with the knowledge and advanced mediation skills required in practice through participation in class exercises and intensive roleplay simulations.

Indicative Content: Core - Alternative Dispute Resolution: Processes and Practice; Negotiation and Mediation; Legal Research Methods and Writing; Advanced Mediation Theory and Skills; Introduction to Conflict Resolution; Children's Rights and Family Mediation Processes; Managing Complex Disputes; LLM Dissertation. Options - Legal Aspects of State Regulation; Legal Aspects of Occupations Health, Safety, and Welfare; Comparative Family Property Law; Child Law in Practice; The Family and the Law; Business Law in Practice; Law and Policy of the EU Digital Market; Digital Finance and FinTech: Law and Regulation.

Admission Requirements: Applicants must have an NFQ, Level 8 Degree in Law with at least a Second-Class Honours Grade 1; OR have a Second-Class Honours Grade 1 in a primary honours degree (NFQ, Level 8) in areas including, but not restricted to, Law, Business, Human Resources, Management, Healthcare, Social Work & Policy, and Construction. Consideration under Recognition of Prior Learning (RPL) may also be given to applicants who do not meet any of the above academic entry requirements but who have relevant professional experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

D02   LLM in Business Law   UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: This course combines a focus on realities of business law in practice with a broader discussion of relevant theoretical and policy issues. The course builds on the School's wide range of expertise and knowledge in a broad range of aspects of business law, including banking, commercial, corporate, financial services, and insolvency, and in regulation and compliance in the business area. Students will be equipped with the knowledge and skills needed to engage with the practical operation of business law. Students also complete a research dissertation in their chosen aspect of business law under expert individualised supervision. Students will also benefit from guest seminars with experts from legal and business practice, relevant Government departments, regulatory bodies and legal practitioners and international experts in this field.

Indicative Content: Core - Legal Research Methods and Writing; Business Law in Practice; LLM Dissertation. Options - Intellectual Property Law; Intellectual Property and Internet Regulation; Alternative Dispute Resolution: Processes and Practice; Negotiation and Mediation; Managing Complex Disputes; IT Law Clinic for Start-ups; Contemporary Issues in EU Competition Policy; Law and Policy of the EU Digital Market; Digital Finance and FinTech: Law and Regulation; Law & the Future of Europe: Critical

Perspectives Internal Market & Citizenship; Law & the Future of Europe - Critical Perspectives EMU and Governance. Co-operatives and the Third Sector; Treasury Risk Management; Regulation and Compliance in Capital Markets; Commercial Law; Privacy and Data Protection Law; Employment Law: Contracts, Termination, Collective Labour Law; Employment Law: Rights Protection, Equality, Specific Categories of Employees; Financial Services Law and Regulation; Company Law I: Fundamental Concepts and Doctrines; Company Law II: Management, Finance and Insolvency; Contemporary Issues in Corporate Law; Principles of Revenue Law; Income Tax Law.

Admission Requirements: Candidates must be approved by the School of Law and must normally hold a Second Class Honours Grade I in a primary honours Law degree (NFQ, Level 8) or have such other relevant third-level educational qualifications and/or professional experience as, in the opinion of the School of Law, qualifies the candidate under Recognition of Prior Learning (RPL) to undertake the LLM (Business Law) Degree.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

D03	MA in Criminology	TUD

Study Location: Technological University Dublin (TUD Dublin city centre campus)

Programme Duration: 12 months

Programme Outline: Criminology is an exciting inter-disciplinary subject that draws on sociology, psychology and law to focus on issues such as the causes of crime, the meaning of crime and societal reactions to crime. The MA in Criminology in TU Dublin provides students with a strong theoretical grounding in, and understanding of, contemporary criminological issues as well as advanced training in research skills.

Indicative Content: Core - Criminal Justice System; Criminological Theory; Research Methods in Criminology; Criminal Psychology; Dissertation. Options - Criminal Law; Law and Technology; Youth Offending and Youth Justice Perspectives; Criminal Law; Desistance: The Route Out of Crime; Studies in Victimology and Crime Prevention; Policing and the Governance of Security; Deviance, Punishment and Social Control in Modern Ireland; Law and Technology; Prisons and Imprisonment; Masculinities, Care and Equality.

Admission Requirements: Students must normally hold a second class honours degree, lower division (2.2) or higher in the area of social science, law, sociology, psychology or cognate discipline. Applicants who do not meet the minimum academic requirements but who have significant relevant professional or vocational experience will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/criminology/

Application: Apply online via the programme webpage.

D04 LLM in Criminology, Criminal Justice and Human Rights UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The LLM in Criminology, Criminal Justice and Human Rights will be delivered by staff from the Crime, Punishment and Rights Research Cluster at the School of Law and the Irish Centre for Human Rights. The programme recognises the inescapable reality that criminal justice issues cannot be understood without also understanding underpinning human rights law norms and obligations. The programme has been designed to inspire students coming from either directly from study or from practice to engage in life-long-learning, to uphold high ethical and professional standards and to appreciate the need to advocate for and adopt an evidence-informed and rights-based approach to criminal justice issues. The programme's curriculum emphasises inter-disciplinary intersections and research methods training, to facilitate future or enhanced career possibilities in national, regional and international criminal justice agencies, NGOs, inter-governmental organisations and courts. This programme will foster intellectual curiosity and academic attainment through the provision of high quality, research-led teaching that bridges the disciplines of criminology and criminal justice, and law and human rights.

Indicative Content: Core - Imprisonment and Rights; Advocacy, Activism and Public Interest Law; Minors, Minority Groups & the Criminal Justice System; The Criminal Jury; Crime and Disorder; Sentencing and Penal Law Policy; International Human Rights Law; International Criminal Law; Transitional Justice; Counter-Terrorism and Human Rights; Procedure Before International Criminal Courts; Dissertation. Options - Advanced Legal Research & Method; Human Rights Law Clinic; International Humanitarian Law; Transnational Lawyering; Climate Justice; Gender and Human Rights.

Admission Requirements: An approved Second Class Honours Degree, Grade 1 (2.1, Level 8) in law or in another relevant discipline including political science, social sciences and humanities. In exceptional circumstances, an applicant holding a degree in another discipline or a degree of less than an approved Second Class Honours Degree, Grade 1 (H2.1) standard may be considered where they have relevant professional experience in law.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/4aLnCzX

Application: Apply online via the programme webpage.

D05 LLM in Gender and Human Rights: Law and Policy UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The LLM in Gender and Human Rights analyses international human rights law and gender, engaging with the UN and regional human rights systems, concepts of gender equality, gender, peace and conflict, and gender, law and religion. It is the only programme of its kind offered in Ireland and the UK. The Programme aims to equip students with the knowledge and skills to apply concepts relating to gender and human rights law, in diverse public policy and law contexts, including conflict and post-conflict situations. The programme will be of interest to those seeking to pursue advanced studies and careers working with international organisations, the United Nations, Government and public policy, EU institutions, and in fields of international development, Equality Law, Human Rights, Women / Gender Peace and Security, Migration and Refugee Law and Gender, Sexuality and LGBT rights

Indicative Content: Core - Gender and Human Rights; International Human Rights Law; Dissertation. Options - Public International Law; International Criminal Law; International Humanitarian Law; Contemporary Issues in International Migration Law; European Migration Law; Peace Support Operations; European Convention on Human Rights: Law and Politics; Business and Human Rights 2; International Refugee Law; Human Rights Law Clinic; Climate Justice; The Common European Asylum System; Transitional Justice; Procedure before International Criminal Courts; Counter Terrorism and Human Rights; Critical Race Theory and Human Rights; Transnational Lawyering; International Child Rights; Foundational Theoretical Framework in Disability Law and Policy; Legal Capacity Law and Policy; International Disability Human Rights Clinic; Advocacy and Access to Justice; Inclusive Education Law and Policy; Mental Health Law and Policy; Policing, Security and Rights; Minors, Minority Groups & the Criminal Justice System; Sentencing and Penal Law Policy; Imprisonment and Rights.

Admission Requirements: Applicants must normally have attained at primary degree level a result of Second Class Honours Grade 1 (2.1) or equivalent in a discipline such as law, political science, social sciences and humanities. 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 overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/43Bh6LT

Application: Apply online via the programme webpage.

D06	LLM in Global Legal Studies	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The LLM (Global Legal Studies) masters 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 programme facilitates career pathways in law, business, politics, non-governmental organisations, and policymaking bodies at the national and international levels. The distinct international focus of the programme reflects the increasingly global nature of legal practice. The modules offered are distinguished by the approach taken, which is to focus not on a national or regional jurisdiction, but to address these issues from the point of view of foundational (global) principles and to illustrate these with examples from jurisdictions all over the world. In addition, certain modules on the programme are run in partnership with leading law firms.

Indicative Content: Core - Professional Development; Masters In Law Dissertation. Options - Economic Analyses Of Law; Patent & Trade Mark Law And Policy; International Criminal Law; Criminology And Criminal Justice; International Human Rights; World Trade Law; International Law On Foreign Investment; Economic, Social And Cultural Rights; Information Privacy Law; International And European Disability Law And Policy; Public International Law; Information Technology Law; Irish Media History; Arbitration Law; Transactional Skills In Business Law; Advanced Perspectives On International Trade Law; Feminist Constitutionalism; Competition And State Aid Law; European Human Rights Law; International Humanitarian Law; The Rights Of Minorities And Indigenous Peoples; Global Health Law; International Global Environmental Governance; Funds Law; Placement; Historical Gendered Violence And The State.

Admission Requirements: The minimum entry requirement for this programme is a 2:2 overall classification in a level 8 undergraduate degree. This degree must be in law or a cognate discipline in the humanities, or social/political sciences (including but not limited to business, finance, economics, international relations, sociology, etc). Applications by applicants with

other types of diplomas or who do not reach this minimum level of qualifications will be determined by the Admissions Committee in line with the University's policy on recognition of prior experiential learning.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

D07	LLM/MA in Human Rights in Criminal Justice	UL

Study Location: University of Limerick (UL Castletroy campus)

Programme Duration: 12 months

Programme Outline: This programme is designed to emphasise the inter-relationship between what have traditionally been taught as the two distinct disciplines of human rights and criminal justice. Students will be provided with a comprehensive knowledge of this ever developing field of law and encouraged to assess the merit of mainstreaming human rights within the criminal justice system. Covering key areas such as policing and human rights and law of the European Convention on Human Rights, the programme aims to foster general and specific skills with respect to the modern criminal justice system both in Ireland and internationally.

Indicative Content: Core – Advanced Legal Research Skills; Dissertation Methodology; Dissertation. Options – Comparative International Protection of Human Rights Law; Criminal Justice Processes and Sentencing; Law of the European Convention of Human Rights; Penology and Victimology; Advanced Constitutional Law; Judicial Power and Constitutional Interpretation; International Criminal Law; Policing and Human Rights; Criminology; Comparative and European Criminal Justice; Regulatory Crime; Using evidence to improve societal outcomes in the real world; Hate Crime; Youth Crime.

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 should apply for the LLM whereas all non-law applicants should apply for the MA. The course structure, elective modules and assessment instruments are the same for LLM and MA students. Applicants with a primary degree in law will be awarded an LL.M., whereas all other applicants will be awarded an M.A. In exceptional circumstances an applicant who cannot satisfy the undergraduate requirement may be accepted on the basis of relevant work experience in accordance with UL's Policy on Recognition of Prior Learning.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ul.ie/gps/course/law-human-rights-criminal-justice-llm-ma

Application: Apply online via the programme webpage.

D08	LLM in International and Comparative Disability Law and Policy	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The LLM in International and Comparative Disability Law and Policy is unique in the world as an innovative and internationally focused LLM dealing with the process of law reform in the field of disability. The programme delivers a solid

grounding for future practitioners, policymakers and academics in the field of disability reform. The mandatory module addresses two issues, firstly, to provide students with an in-depth understanding of the core foundational themes in disability law and policy, secondly, to provide students with the necessary research skills to complete their programme of study. The optional modules address law and policy at international and regional level as well as some very topical subjects such as Legal Capacity, Independent Living, and Inclusive Education.

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

Admission Requirements: Applicants must hold a Second Class Honours, Grade 1, degree (2.1) in law, or an interdisciplinary degree in which law was a major component. In exceptional circumstances, applicants holding a degree in another discipline or a degree of less than a 2.1 standard may be considered where they have relevant professional experience in law or disability rights.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

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

Application: Apply online via the programme webpage.

D09	LLM in International and Comparative Law	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: In an era of globalisation, it is no longer possible to understand law in a purely national context. As globalisation not only intensifies but also comes under challenge, it has never been more important for lawyers to develop an in-depth understanding of law in its wider international context. The LL.M. programme in International and Comparative Law offers students a valuable opportunity to develop this understanding. The programme offers a rich and diverse array of modules taught by experts in the fields of international and comparative law. Students develop their legal knowledge and advanced legal skills in these fields but also gain a deeper insight into law and legal practice in its evolving international context.

Indicative Content: International Dispute Resolution International Humanitarian Law; International Economic Law; Islamic Law; Refugee Law; International Aviation Law; Freedom of Expression and Intellectual Property Law; Dissertation.

Admission Requirements: Applications are invited from well-qualified graduates who hold a very good Honours Bachelor degree in law or in a law-based interdisciplinary programme. Applications may also be considered from exceptional graduates in disciplines relevant to the LL.M degree they are applying for where: a substantial component of their undergraduate degree(s) is in Law; or applicants have significant professional experience in Law.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/az/course.php?id=DPTLW-ICLA-1F09

Application: Apply online via the programme webpage.

D10   LLM in International Business Law   MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The LLM in International Business Law enables law graduates to further their legal education by gaining a systematic understanding of the critical issues at the forefront of key areas of global trade. The programme affords students a wide range of interesting and engaging modules, with an international focus, aimed at encouraging critical thinking and developing specialised, detailed knowledge and understanding of global business.

Indicative Content: Core - World Trade Law; Professional Development; Dissertation. Options - Economic Analyses Of Law; Patent & Trade Mark Law And Policy; International Law On Foreign Investment; Economic, Social And Cultural Rights; Information Privacy Law; Arbitration Law; Transactional Skills In Business Law; Advanced Perspectives On International Trade Law; Competition And State Aid Law; Global Health Law; Global Environmental Governance; Funds Law; Placement.

Admission Requirements: The minimum entry requirement for this programme is a 2:2 overall classification in a Level 8 undergraduate degree. This degree must be in law or a cognate discipline in the humanities, or social/political sciences (including but not limited to business, finance, economics, international relations, sociology, etc). Applications by applicants with other types of diplomas or who do not reach this minimum level of qualifications will be determined by the Admissions Committee in line with the University's policy on recognition of prior experiential learning.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/4kKKdBM

Application: Apply online via the programme webpage.

D11   LLM in International Commercial Law   GC

Study Location: Griffith College (GC Dublin main campus)

Programme Duration: 12 months

Programme Outline: The LL.M. in International Commercial Law offers students the opportunity to specialise in International Commercial Law in order to facilitate enhanced career opportunities and/or to lay the foundations for Ph.D. study.

Indicative Content: Core - Advanced Legal Research and Writing; Law of International Organisations; International Commercial Law; Corporate Governance; International Commercial Arbitration; EU Markets and Competition Law; Dissertation. Options - International Financial Services Law; International Intellectual Property Law; International Tax Law; Social, Economic and Environmental Rights; International Privacy and Data Protection Law.

Admission Requirements: 2.2 degree in Law or a related discipline (that has a 50% legal component to the degree) or foreign equivalent or relevant work experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.griffith.ie/faculties/law/courses/llm-international-commercial-law

Application: Apply online via the programme webpage.

D12   LLM in International Criminal Justice   GC

Study Location: Griffith College (GC Dublin main campus)

Programme Duration: 12 months

Programme Outline: Griffith College's LLM in International Criminal Justice offers a specific international focus—a key advantage in today's globalised legal landscape. Due to the broad range of modules offered, learners may tailor their programmes to suit their particular interests within the field of Criminal Justice. The LLM in International Criminal Justice degree benefits learners with learner support and personal attention, relevant and well-designed modules taught by experienced academics and professional practitioners, and career support.

Indicative Content: Core - Advanced Legal Research and Writing; Law of International Institutions; International Human Rights Law; Corporate Governance; Social, Economic and Environmental Rights; International Privacy and Data Protection Law; Dissertation. Options - Gender, Sexuality and Human Rights; International Asylum and Immigration Law; Restorative Justice; Criminology.

Admission Requirements: 2.2 degree in Law or a related discipline (minimum 50% legal component to the degree) or foreign equivalent or relevant work experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.griffith.ie/faculties/law/courses/llm-in-international-criminal-justice

Application: Apply online via the programme webpage.

D13   LLM in International Criminal Law   UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The LLM in International Criminal Law provides students with an advanced understanding of the history, structures, law and practice of the various international criminal tribunals and the International Criminal Court. Students will gain an in-depth knowledge of international criminal law, its component crimes, substantive law and key procedures. Students will also develop an analytical approach to the relationship between other accountability mechanisms, such as truth commissions. The LLM in International Criminal Law is of interest to those seeking to learn about the growing field of international criminal justice, the role of the International Criminal Court in international affairs and means for holding to account perpetrators of genocide, crimes against humanity and war crimes.

Indicative Content: Core - International Criminal Law; Dissertation. Options - International Human Rights Law; Public International Law; International Humanitarian Law; Contemporary Issues in International Migration Law; European Migration Law; Peace Support Operations; European Convention on Human Rights: Law and Politics; Gender and Human Rights; Business and Human Rights 2; International Refugee Law; Human Rights Law Clinic; Climate Justice; The Common European Asylum System; Transitional Justice; Procedure before International Criminal Courts; Counter Terrorism and Human Rights; Critical Race Theory and Human Rights; Transnational Lawyering; International Child Rights; Foundational Theoretical Framework in Disability Law and Policy; Legal Capacity Law and Policy; International Disability Human Rights Clinic; Advocacy and Access to Justice;

Inclusive Education Law and Policy; Mental Health Law and Policy; Policing, Security and Rights; Minors, Minority Groups & the Criminal Justice System; Sentencing and Penal Law Policy; Imprisonment and Rights.

Admission Requirements: Applicants should normally hold a Level 8 degree in law 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 overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/4kiF6ZX

Application: Apply online via the programme webpage.

D14	LLM in International Human Rights	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The LLM in International Human Rights Law provides students with a comprehensive insight into international and regional legal frameworks of human rights protection. This is an interdisciplinary programme where students are engaged students in the practice and public policy context of human rights law on a local, national and international perspective. Students participate in a dynamic programme of seminars, workshops and conferences with world-leading practitioners and scholars. Coursework begins with an in-depth study of the international human rights system and selected issues of international human rights law. Specialised courses in business and human rights, international migration law, refugee protection, international humanitarian law, international criminal law, minority rights and rights of indigenous peoples, gender and human rights, counter-terrorism and human rights, and child rights. Completing a 15,000-word research thesis in the field of international human rights law is also a requirement. A wide range of subject choices is available to students, drawing on the expertise of our full time staff and prestigious adjunct faculty.

Indicative Content: Core - International Human Rights Law; Dissertation. Options - Public International Law; International Criminal Law; International Humanitarian Law; Contemporary Issues in International Migration Law; European Migration Law; Peace Support Operations; European Convention on Human Rights: Law and Politics; Gender and Human Rights; Business and Human Rights; International Refugee Law; Human Rights Law Clinic; Climate Justice; The Common European Asylum System; Transitional Justice; Procedure before International Criminal Courts; Counter-Terrorism and Human Rights; Critical Race Theory and Human Rights; Transnational Lawyering; International Child Rights; Foundational Theoretical Framework in Disability Law and Policy; Legal Capacity Law and Policy; International Disability Human Rights Clinic; Advocacy and Access to Justice; Inclusive Education Law and Policy; Mental Health Law and Policy; Policing, Security and Rights; Minority Groups and the Criminal Justice System; Sentencing and Penal Law Policy; Imprisonment and Rights.

Admission Requirements: Level 8 (or equivalent) undergraduate degree (normally a result of Second Class Honours Grade 1 (2.1) or equivalent) in a range of disciplines including law, political science, social sciences and humanities. 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 overall score of 6.5 with no less than 5.5 in any one component.

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

Application: Apply online via the programme webpage.

D15	LLM in International Human Rights Law	DCU

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: The LLM in International Human Rights Law is a one year full-time programme offered by DCU's School of Law and Government. The programme is designed to prepare students for the 21st century, where the world needs adaptable and outward-looking critical thinkers. The LLM in International Human Rights Law offers deep insights into how the legal system views human rights and will provide students the opportunity to greatly develop their ability to analyse the importance of human rights and the harms which arise from human rights breaches. Students will learn about human rights, international law and how social movements and socio-legal thought and research has influenced the development of human rights law.

Indicative Content: Core - International Law and Conflict; Legal and Socio-Legal Research Skills; Dissertation. Options - Judges and Judging; EU Institutional Law; Principles of Public International Law; Policing and Society; Comparative Criminal Procedure; European Employment Law; Climate Change Law; Comparative Digital Law: Privacy Law Data & AI; Race, Minorities and Indigenous in International Law; The Governance of Migration in Europe; European and International Human Rights Law; Conflict, Security and Peacebuilding.

Admission Requirements: Normally have achieved a H2.1 in a primary degree (level 08) in law or an interdisciplinary degree which includes law as a significant component. Applicants who have not achieved a H2.1 may apply but applications will be assessed on a competitive basis. 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 overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/46aQ4dj

Application: Apply online via the programme webpage.

D16	LLM in International Human Rights Law	GC

Study Location: Griffith College (GC Dublin main campus)

Programme Duration: 12 months

Programme Outline: The LL.M. in International Human Rights Law offers students the opportunity to specialise in International Human Rights Law, to facilitate enhanced career opportunities, or to lay the foundations for PhD study.

Indicative Content: Core - Advanced Legal Research and Writing; Law of International Organisations; International Human Rights Law; Dissertation. Options - Gender, Sexuality and Human Rights; International Asylum and Immigration Law; International Criminal Law; International Humanitarian Law; Restorative Justice; Criminology; Social, Economic and Environmental Right; International Privacy and Data Protection Law.

Admission Requirements: 2.2 degree in Law or a related discipline (that has a 50% legal component to the degree) or foreign equivalent or relevant work experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.griffith.ie/faculties/law/courses/llm-international-human-rights-law

Application: Apply online via the programme webpage.

D17	LLM in International Human Rights Law and Public Policy	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The programme offers students a wide range of human rights law programmes taught by leading experts in their field. It includes interdisciplinary teaching and a unique International Human Rights clinical module which focuses on essential human rights lawyering skills, including oral and written advocacy (legal and policy), strategic litigation, fact-finding and development. This course is of relevance to legal practitioners, policymakers and civil society actors across a range of fields. You will benefit from a series of guest seminars and workshops with key actors in the human rights movement. It will provide you with the skills and qualification necessary to pursue an international career with international organisations, governments, UN bodies, European Human Rights bodies and in legal practice. The course includes a unique International Human Rights clinic core module.

Indicative Content: Core - Legal Research Methods and Writing; International Human Rights Law; Public International Law; Human Rights Law in Practice (Clinic); LLM Dissertation. Options - Criminology: Core Theories, Context and Critique; Law of Cybercrime; Contemporary Issues in International Law; The Family and the Law; Mental Capacity Law; Climate Change Law and Policy; Alternative Dispute Resolution: Processes and Practice; Global Maritime Security; International Environmental Law; Refugee and Forced Displacement Law; Foundations of International Children's Rights; Contemporary Issues in Children's Rights; International Youth Justice; Human Rights; Law of the European Convention on Human Rights.

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

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

D18	LLM in International Justice	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The LLM programme in International Justice provides students with critical insights into the field of international justice. It focuses, in particular, on issues of human rights, equality, and social inclusion in the context of international law. It provides insights into how the international legal order works, and how it seeks to protect vulnerable groups, including minorities, migrants, and people with disabilities. It critiques the applicable legal regimes, and illustrates how

these systems operate in practice. Teaching is delivered by means of small class lectures, in-class simulations, workshops, and master classes. In addition to the modules, The School works with leading academics and practitioners who provide seminars in various fields of law throughout the academic year.

Indicative Content: Core - Public International Law; Professional Development; Masters In Law Dissertation. Options - International Criminal Law; International Human Rights; World Trade Law; Economic, Social and Cultural Rights; Information Privacy Law; International And European Disability Law And Policy; Spatial Justice: Geographies Of Social & Environmental Change; Feminist Constitutionalism; European Human Rights Law; International Humanitarian Law; The Rights Of Minorities And Indigenous Peoples; Global Health Law; Global Environmental Governance; Placement; Historical Gendered Violence And The State; Human Trafficking: Policy, Perspectives And Debates.

Admission Requirements: The minimum entry requirement for this programme is a 2:2 overall classification in a Level 8 undergraduate degree. This degree must be in law or a cognate discipline in the humanities, or social/political sciences (including but not limited to business, finance, economics, international relations, sociology, etc).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/4dKXisN

Application: Apply online via the programme webpage.

D19	LLM in International Law	GC

Study Location: Griffith College (GC Dublin main campus)

Programme Duration: 12 months

Programme Outline: The LL.M. in International Law programme aims to develop students' academic capabilities to their fullest, enhance their communication skills and develop their research skills, preparing them for career progression and/or laying the foundations for Ph.D. study.

Indicative Content: Core – Advanced Legal Research and Writing; Law of International Organisations; International Commercial Law; International Human Rights Law; Dissertation. Options – Corporate Governance; International Commercial Arbitration; EU Internal Market and Competition Law; International Financial Services Law; International Tax Law; International Intellectual Property Law; Gender, Sexuality and Human Rights; International Asylum and Immigration Law; International Criminal Law; International Humanitarian Law; Restorative Justice; Criminology; Social, Economic and Environmental Rights; International Privacy and Data Protection Law.

Admission Requirements: 2.2 degree in Law or a related discipline (that has a 50% legal component to the degree)or foreign equivalent or relevant work experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.griffith.ie/faculties/law/courses/llm-international-law

Application: Apply online via the programme webpage.

D20   MSc in International Law and Business   UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc International Law & Business is a unique programme offering students, with relevant undergraduate qualifications, the opportunity for advanced study across these two disciplines. For this programme we accept applications from students who have an undergraduate degree in the areas of law, business, economics and finance.

Indicative Content: Core - Dissertation. Options - International Competition Law; Advanced Issues in European Competition Law; Law and Governance of the EU; Data Protection and Privacy: National and International Perspectives; International Tax Law; Patent Law; Copyright Law; International Commercial Arbitration; Trade Mark Law; Cross-Border Litigation: European and International Perspectives on the Conflict of Laws; Data Protection Governance; Behavioural Laws; Law & Rationality; AI Regulation; Economics of Entrepreneurship; Global Competitive Strategies; Mindfulness & Resilience at Work; International Financial Management; Sustainable Production & Consumption; Brand Management; Leadership, Organisations & Me; International HRM; Decision Making & Negotiations.

Admission Requirements: Applications are invited from graduates holding an excellent degree (at least 2.1) in Law or Business/Economics - ideally non-law graduates will have taken some law modules and law graduates will have taken some business/economics modules.

IELTS: Minimum overall score of 6.5, including a minimum of 6.5 in the reading and writing components, and with no less than 6.0 in any other component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=B438

Application: Apply online via the programme webpage.

D21   LLM in International Migration and Refugee Law and Policy   UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The LLM 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 courses in international humanitarian law and peace operations, gender and law, child rights, and international criminal law. The programme engages students with current developments on the human rights of migrants and refugees, globally, regionally and nationally. It includes unique practice-oriented teaching, allowing students to specialise in oral and written advocacy (legal and policy), strategic litigation, fact-finding and international development.

Indicative Content: Core - Contemporary Issues in International Migration Law; International Refugee Law; The Common European Asylum System; European Migration Law; Dissertation. Options - International Human Rights Law Clinic; Business and Human Rights 2; Human Rights and Global Governance; International Child Rights; Minority Rights; International Humanitarian Law; Counter-Terrorism and Human Rights; Procedure Before International Criminal Courts; Advocacy, Activism and Public Interest Law; Mental Health Law and Policy; Gender and Human Rights; International Human Rights Law; Public International

Law; European Convention on Human Rights: Law and Politics; Transnational Lawyering; International Criminal Law; International Peace Operations; Climate Justice; Foundational Theoretical Framework in Disability Law and Policy; Legal Capacity Law and Policy; International Disability Human Rights Clinic; Regional Disability Law and Policy; Contemporary Challenges in Disability Law and Policy; Advocacy and Access to Justice; Inclusive Education Law and Policy; Law and Policy on Independent Living; Critical Race Theory and Human Rights; Advanced Legal Research & Method; Advanced Intellectual Property Law and Development; Legal Skills: Commercial Practice, Advocacy and Dispute Resolution; EU External Relations Law; Imprisonment and Rights; Equality Law: Principles & Thematic Application; Crime and Disorder; EU Competition Law; Islam and Human Rights II; Theories of Judicial Activism; Criminology, Criminal Justice and Human Rights; Advanced Comparative Law; Policing, Security and Rights; Minority Groups and the Criminal Justice System; Global Issues in Contemporary Labour Law; Transitional Justice; European Consumer Law and Policy; Law and Economics of Corporate Transactions; Sentencing & Penal Policy; Law of International Business Transactions.

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 overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/3ZNdpA5

Application: Apply online via the programme webpage.

D22	LLM in Marine and Maritime Law	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The LLM in Marine and Maritime Law brings together the best legal expertise in Marine Law in Ireland. It covers a range of legal topics including shipping and maritime law, marine environmental protection, and international law of the sea. The LLM (Marine and Maritime Law) programme integrates theoretical and practical learning of relevant law modules 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. This programme is based on flexible workload arrangements and is suitable for both law graduates and marine and maritime professionals alike.

Indicative Content: Core - Legal Research Methods and Writing; Introduction to the Law of the Sea; Admiralty Law; Marine Environmental and Natural Resources Law; LLM Dissertation. Options - Contemporary Issues in International Law; Method in Environmental Law; International Human Rights Law; International Biodiversity and Ecosystems Law and Policy; Climate Change Law and Policy; Alternative Dispute Resolution: Processes and Practice; Sale, Insurance and Carriage of Goods at Sea; Global Maritime Security; Port Law; Law of the Sea (Clinical); International Environmental Law; Public International Law; Managing Complex Disputes; Environmental Law in Practice; Sources and Foundations of Environmental Law; Environmental Law: Contemporary Issues in Governance, Regulation and Enforcement.

Admission Requirements: Applicants must be approved by the School of Law. They must normally hold a Second Class Honours Grade I in a primary honours Law degree (NFQ Level 8). Applicants with other third-level qualifications and/or relevant professional experience are also encouraged to apply.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

D23	MA in Media & International Conflict	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: On this programme, students will develop an understanding of how media interacts with war, conflict and security in international contexts. The course provides an interdisciplinary approach that considers both cultural and political dimensions of media responses to international conflict. Students will focus on issues such as: public diplomacy and soft power, the role of new media in perceptions of conflict, the production, circulation and reception of imagery of conflict, and the effects of news reporting on government policy and NGO activity.

Indicative Content: Core - Media and US Foreign Policy; News Media Today; Public Diplomacy and Soft Power; Research Skills Seminar; Politics and Digital Storytelling; Minor Thesis. Options - Challenges in US Foreign Policy; Trump's America; Critical Geopolitics and Diplomacy; Origins of Modern Diplomacy; Geopolitical Risks and Crises; War, Peace, and Globalisation; Modern Asia.

Admission Requirements: An upper second class honours degree (NFQ Level 8), or the international equivalent in the subject area such as the Humanities, Politics, International Relations, Journalism or Media Studies but this is not an exhaustive list. Consideration will be given to students with a lower GPA but they will require an interview (via SKYPE or in person) and maybe asked for additional material.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?MAJR=Z137&p_tag=PROG

Application: Apply online via the programme webpage.

D24	LLM in Peace Operations, Humanitarian Law and Conflict	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The LLM in Peace Operations, Humanitarian Law and Conflict provides students with a comprehensive insight into global frameworks of international humanitarian law and human rights protection with the addition of a peacekeeping specialisation. This interdisciplinary programme focuses on UN peacekeeping and related operations to provide insights into the peace operations and conflict resolution frameworks. This unique programme offering combines issues relating to peacekeeping, international humanitarian law, human rights and conflict resolution to prepare graduates for work in the field of international peace operations with international organisations, non-governmental organisations (NGOs) and as individual advocates.

Indicative Content: Core - International Humanitarian Law; International Peace Operations; Dissertation. Options - Mental Health Law and Policy; Law and Policy on Independent Living; Inclusive Education Law and Policy; Contemporary Challenges in

Disability Law and Policy; Advocacy and Access to Justice; Regional Disability Law and Policy; Contemporary Issues in International Migration Law; International Child Rights; European Migration Law; International Human Rights Law Clinic; Business and Human Rights 2; Human Rights and Global Governance; The Common European Asylum System; International Refugee Law; Procedure Before International Criminal Courts; International Disability Human Rights Clinic; Minority Rights; Counter-Terrorism and Human Rights; Advocacy, Activism and Public Interest Law; Gender and Human Rights; International Human Rights Law; Public International Law; European Convention on Human Rights: Law and Politics; Transnational Lawyering; International Criminal Law; Transitional Justice; Climate Justice; Foundational Theoretical Framework in Disability Law and Policy; Legal Capacity Law and Policy; Critical Race Theory and Human Rights; Legal Skills: Commercial Practice, Advocacy and Dispute Resolution; Advanced Intellectual Property Law and Development; EU External Relations Law; Advanced Legal Research & Method; Crime and Disorder; Equality Law: Principles & Thematic Application; Imprisonment and Rights; EU Competition Law; Islam and Human Rights II; Criminology, Criminal Justice and Human Rights; Advanced Comparative Law; Policing, Security and Rights; Global Issues in Contemporary Labour Law; Minority Groups and the Criminal Justice System; European Consumer Law and Policy; Sentencing & Penal Policy; Law of International Business Transactions; Law and Economics of Corporate Transactions; Theories of Judicial Activism.

Admission Requirements: Applicants must normally have attained at primary degree level a result of Second-class Honours Grade 1 or equivalent. 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 overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/3ZcA9cC

Application: Apply online via the programme webpage.

D25	LLM in Transitional Justice, Human Rights and Conflict	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The LLM in Transitional Justice, Human Rights and Conflict examines the complex legal, policy and practical questions of justice and peacebuilding in societies emerging from conflict, authoritarianism or situations of mass human rights violations. This innovative programme will provide an interdisciplinary approach to teaching and researching the world's most pressing issues on transitional justice, peacebuilding and reconciliation.

Indicative Content: Core - Transitional Justice; Dissertation. Options - International Human Rights Law; International Peace Operations; Public International Law; Gender and Human Rights; International Criminal Law; International Humanitarian Law; Contemporary Issues in International Migration Law; European Migration Law; European Convention on Human Rights: Law and Politics; Business and Human Rights 2; International Refugee Law; Human Rights Law Clinic; Climate Justice; The Common European Asylum System; Procedure before International Criminal Courts; Counter Terrorism and Human Rights; Critical Race Theory and Human Rights; Transnational Lawyering; International Child Rights; Foundational Theoretical Framework in Disability Law and Policy; Legal Capacity Law and Policy; International Disability Human Rights Clinic; Advocacy and Access to Justice; Inclusive Education Law and Policy; Mental Health Law and Policy; Policing, Security and Rights; Minors, Minority Groups & the Criminal Justice System; Sentencing and Penal Law Policy; Imprisonment and Rights.

Admission Requirements: A Level 8 (or equivalent) undergraduate degree in a range of disciplines including law, political science, social sciences, and humanities. For applicants from a non-law background, the Irish Centre for Human Rights will consider academic background, relevant work experience, references, and a personal statement. Normally, applicants must have

attained a result of Second-Class Honours Grade 1 (2.1) or equivalent at primary degree level. 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 overall score of 6.5 with no less than 5.5 in any one component.

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

Application: Apply online via the programme webpage.

E

Health, Medicine, Pharmacy, Biotechnology and related

E01   MA in Addiction Studies   DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MA in Addiction Studies is a rigorous and formal exploration of addictions from a variety of academic and scientific perspectives: sociological, cultural, psychological, anthropological, and psychoanalytic. The programme is concerned with how these perspectives interact and how they differ from each other. The aim is to educate students so that they can carry out research in the field of addiction and thereby critically inform policy making, as well as management of addiction services. The programme also provides clinicians with a strong theoretical foundation from where to approach the treatment of addictions. This programme is designed for students with a background in Psychology, Psychoanalysis, Anthropology, Sociology, Social Science or a cognate discipline, who wish to acquire a postgraduate qualification in the area of Addiction.

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

Admission Requirements: Have a minimum Second Class Honours (2.2) Degree in any humanities or social science discipline from a recognised third-level institution, or equivalent qualification or be a graduate of any non-cognate discipline and hold a qualification in a conversion-style programme such as a Postgraduate Higher Diploma in Psychology or have an equivalent professional qualification.

IELTS: Minimum 6.5 overall score required.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-arts-(ma)-in-addiction-studies

Application: Apply online via the programme webpage.

E02   MSc in Advanced Synthetic Chemistry   UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This course is designed for Chemistry graduates who are interested in deepening their knowledge of synthetic chemistry with a view to pursuing a career in either the fine chemical or pharmaceutical industries. There is a strong demand for these synthetic chemistry skills. Ireland is home to some of the world's leading pharmaceutical and biotechnology companies making some of the world's blockbuster medicines. You can focus on areas such as the synthesis of organic compounds and drug-like substances, techniques for structure determination, and methods for drug discovery. In addition, you will complete a research project from topics in relevant areas, including catalysis, carbohydrate chemistry and asymmetric synthesis.

Indicative Content: Core - Chemistry Seminar Programme I; Org Synthesis 2; Metals in Biology; Advanced NMR Spectroscopy; Org Synthesis 1; Modern Catalysis; Professional Career Development; Research project (Taught MSc) or Chemistry MSc Internship. Options - Advanced synthetic chem (MSc); Green and Sustainable Chem; Modern Mass Spectrometry; Chem Synth of Natural Products; Computational Chemistry; Green & Sus Chem - Taught MSc; Special topics in Medicinal Chemistry and Chemical Biology (level 4); Topics in MCCB; Advanced Inorganic Synthesis; Sustainable Development Chemistry; Sustainable

Development Chem; Academic Writing in Chemistry; Advanced Functional Materials; Commerialisation of Chemical Research; Synthesis of Pharmaceutical Compounds.

Admission Requirements: Applicants with an upper second class honours in a Chemistry degree, or a degree with a significant component of chemistry.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=F267

Application: Apply online via the programme webpage.

E03	MSc in Applied Clinical Data Analytics	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The taught postgraduate course in Applied Clinical Data Analytics employs a unique and innovative spiral curriculum, designed specifically for training healthcare professionals in analysis of healthcare data. Domain experts in Clinical Data Analytics from the College of Medicine, Nursing and Health Sciences will deliver the program. Assignments are all real-world examples of clinical research including clinical trials, systematic reviews, observational research, and data from administrative clinical datasets. The course is designed to train healthcare workers without a background in data analytics, statistics, or computer programming, to analyse and interpret healthcare data.

Indicative Content: Health Research Methodology I; Applied Medical Statistics I; Clinical Data Analytics I; Health Research Methodology II; Applied Medical Statistics II; Clinical Data Analytics II; Thesis Part I; Thesis Part II.

Admission Requirements: Applicants must hold a healthcare related undergraduate degree with a minimum of 2nd Class Honours.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://bit.ly/4mEdfVz

Application: Apply online via the programme webpage.

E04	MSc in Artificial Intelligence for Medicine and Medical Research	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This Masters programme consolidates core disciplines to address a rapidly increasing skills gap in the healthcare and biomedical research sector. AI is already revolutionising medical imaging, digital pathology, drug development and pharmaceutical research. In the era of genomic medicine, AI will transform the way we diagnose and treat diseases, reducing the impact of the healthcare crisis in industrialised countries caused by cancer, obesity and diabetes. This course combines teaching in AI and machine learning (ML), precision medicine, systems biology, bioinformatics and computational biology.

Indicative Content: Core - Biological Principles and Cellular Organisation; High Throughput Technologies; Precision Oncology; AI for Personalised Medicine; AI For Medical Image Analysis. Options - Internship Research Project 10; Internship research project 20; Machine Learning; Medical Research Design, Regulations & Ethics; Professional Skills and Career Development; Clin Info and Decision Support; Introduction to Biostatistics; Data Programming with R; Data Programming with R (Online); Data Prog with Python (online); Bioinformatics; Data Science in Python; Advanced Machine Learning; Deep Learning; Information Visualisation; Information Ethics; Entrepreneurship in Prec. Med; Drug Discovery and Development I; Intro to Genetic Epidemiology; Stat Network Analysis; AI in Pathology.

Admission Requirements: A Bachelor's degree (min 2H2), good computing skills, basic programming skills, and a solid foundation in statistics and mathematics.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=MODULES&MAJR=X903

Application: Apply online via the programme webpage.

E05	MSc in Behavioural Neuroscience	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc. in Behavioural Neuroscience offers advanced education and training in topics concerning human behaviour and its relation to the brain. The programme provides an excellent preparation for students who wish to pursue doctoral research in psychology, neuroscience or neuropsychology and equips students for work in research, medical and health settings. Students will gain key skills in research methods, experimental design, programming & data analysis. This is achieved through lab rotation and by pairing students with academic supervisors based on their research interests to complete a 30-credit research project.

Indicative Content: Core - Advanced Research Methods & Stats; BN Labs 1: Behavioural Measures; Recent Papers in Behavioural Neuroscience; Behavioural Neuroscience Labs 2: Physiology; Knowledge Transfer; Behavioural Neuroscience Research. Options - Foundations in Mindfulness; Advanced Disability Studies; Fundamentals of Neuropsychology; Advanced Cognitive Psychology; Embodied & Social Cognitive Neuroscience; Sensory Neuroscience; Principles of Neuroscience; Higher Cortical Function; Clinical Cases in Neuropsychology; Topics in Psychological Science.

Admission Requirements: A primary degree with at least upper second class honours or international equivalent in Psychology or in Neuroscience. Applicants with at least an upper second class honours degree in a cognate area that provides appropriate background to the programme may also be considered.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W461

Application: Apply online via the programme webpage.

E06   MEngSc in Biopharmaceutical Engineering   UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This MEngSc in Biopharmaceutical Engineering programme provides substantial coverage of scientific, technical, management and regulatory issues associated with this industry. This programme offers an internationally recognised high quality flexible curriculum, which follows the latest developments in science and technology. This programme is suitable for Science and Engineering graduates wishing to obtain a qualification which is highly relevant to the biopharmaceutical industry.

Indicative Content: Core - Principles of Biopharmaceutical Engineering; Animal Cell Culture Technology; Facility Design and Operation; Biopharmaceutical Industry Regulation and Management; Bioanalytical Science for Biopharma; Data Sci for Biopharm Manufact; Bioprocessing Laboratory; Downstream Processing; Bioprocess Design; Research Methodology FT; Biopharmaceutical Engineering Project. Options - Bioprocess Scale-up and Technology Transfer; Gene Ther & Vacc Tech & Proc; GMP Manufact Advan Therapeutic.

Admission Requirements: An honours undergraduate degree (NFQ level 8) with a minimum upper second class honours or international equivalence in a relevant Engineering, Science or Technology programme. However, all applicants will be assessed on a case-by-case basis and relevant or extensive work experience will be taken into account.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T070

Application: Apply online via the programme webpage.

E07   MSc in Bioprocessing   ATU

Study Location: Atlantic Technological University (ATU Sligo Ash Lane campus)

Programme Duration: 12 months

Programme Outline: This programme is intended to increase the skills and knowledge base of those with an interest in the Biopharmaceutical Industry and to increase the pool of such people available to the industry. The courses are designed to provide candidates with a comprehensive understanding of the principal scientific and engineering challenges in the manufacturing of biopharmaceutical products, thereby making them highly employable within the Biotechnology, Biopharmaceutical and Medical Biotechnology Industries.

Indicative Content: Upstream Bioprocessing; Downstream Bioprocessing; Quality Control Testing for Biologics; Formulation and Delivery of Biopharmaceuticals; Biopharmaceutical Regulation and Compliance; Research Methods; Biopharmaceutical Dissertation.

Admission Requirements: The programme is open to students who have obtained an honours degree (Level 8) or equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative honours degrees and relevant experience in the Biopharmaceutical industry (typically 5 years duration in a GMP environment) may apply for consideration through the ATU Sligo RPL (Recognised Prior Learning) process.

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

Programme Webpage: https://www.atu.ie/courses/master-of-science-bioprocessing

Application: Apply online via the programme webpage.

E08	MSc in Cardiovascular and Pulmonary Rehabilitation	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc programme equips students with the knowledge and skills required to make meaningful contributions to cardiovascular and pulmonary rehabilitation practice. It addresses disease-specific theory and practice components, with a strong focus on research, integrated care approaches, evidence-informed innovation in rehabilitative service delivery, and the latest evidence-based implementation of best-practice guidelines and healthcare policy.

Indicative Content: Core - Cardiovascular and Pulmonary Disease; Research Methods; Reflective Clinical Practice; Research Project. Options - Cardiovascular and Pulmonary Rehabilitation; Lifestyle Risk Factor Modification; Tobacco Cessation in Noncommunicable Disease Prevention and Management; Diet and Weight Management in Preventive Medicine and Cardiovascular Health; Physical Activity and Exercise in Chronic Disease Management; Pharmacotherapeutic Approaches in Cardiometabolic Medicine.

Admission Requirements: Applicants will typically require a H2.1 degree (NFQ Level 8 or equivalent) in a health care discipline or related subject area (e.g., medicine, nursing, physiotherapy, dietetics, sport and exercise science, clinical or health psychology, pharmacology, health promotion, public health, etc). For those who do not hold a primary degree at the required level, consideration will also be given to applicants with relevant work experience, background knowledge, and skills.

IELTS: Minimum overall score of 6.5 with no less than 6.5 in any one component.

Programme Webpage: https://bit.ly/4aLnHnf

Application: Apply online via the programme webpage.

E09	MSc in Cellular Manufacturing and Therapy	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The primary objectives of the MSc in Cellular Manufacturing & Therapy at the University of Galway is to A) provide formal training in cellular bioprocessing for clinical application and B) cultivating a rigorous scientific underpinning for the development of a cellular therapy. The course curriculum balances the scientific aspects of cellular therapy (in 3 modules), bioprocessing and manufacturing regulation (in 2 modules) and offers optional modules in cancer biology, business, clinical trials and bio-ethics. A student's practical skills are developed beyond the classroom laboratory activities with supplemental activities such as workshops in sterile gowning and a 4-month work or laboratory placement, thereby gaining research or enterprise-centric skills. When launching, this MSc programme was the first of its kind worldwide.

Indicative Content: Core - Cellular Manufacturing I; Cellular Immunotherapy; Cellular Manufacturing II; Mesenchymal Stromal Cell Therapy; Induced Pluripotent Stem Cell Therapy; Cellular Manufacturing and Therapy Dissertation. Options - Harnessing the

Basic Biology of Cancer for Development of Novel Therapeutics; Bio-Ethics; Informatics I: Retrieval & Appraisal of Scientific Literature; Gene Therapy.

Admission Requirements: Minimum 2nd class honours (or equivalent) in one of the following: Undergraduate degree in medicine, pharmacy, manufacturing, biology, engineering; Equivalent biomedical science-related undergraduate degree. Applicants from non-biomedical science related backgrounds may be considered on a case-by-case basis. Applicants with a degree without honours and 3+ years of practical experience in the subject area will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/cellular-Manufacturing-therapy

Application: Apply online via the programme webpage.

E10	MSc in Cheminformatics and Toxicology	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: Cheminformatics is the use of computational techniques to solve chemistry, pharmacology and toxicology problems. Students will understand and apply a range of computational tools to address toxicological questions in preparation for a career in in silico toxicity prediction in the pharma, industry, consultancy, academia and government. The course is delivered over three semesters. In Semester 1 students learn the fundamentals of pharmacology, toxicology and are introduced to computational drug-design, programming for biology and statistical computing in R. This forms a foundation for more advanced material explored in Semester 2. In Semester 3 students work independently but with the guidance of an academic or industry-based thesis supervisor on a cheminformatics research project.

Indicative Content: Introduction to Toxicology; Programming for Biology; Applied Toxicology; Statistical Computing with R; Computational Approaches to Drug Design and Biomolecular Structure; Screening Molecular Libraries; Advanced Chemoinformatics; Introduction to Bioinformatics; Advanced Toxicology; Research Project in Toxicology.

Admission Requirements: Applicants will typically require a H2.2 degree (NFQ Level 8 or equivalent) in medicine, pharmacy, manufacturing, biology, engineering or an equivalent biomedical science-related undergraduate degree. Applicants from non-biomedical science related backgrounds will be considered on a case-by-case basis at the discretion of the coordinators. Students who have a degree without Honours in a related area and have 3+ years of practical experience in the subject area will also be considered for this programme.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/4bOS2T3

Application: Apply online via the programme webpage.

E11	MSc in Clinical and Diagnostic Biochemistry	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This MSc is designed and tailored to give students a broad but comprehensive knowledge in the specialism of clinical biochemistry which is delivered within the context of practice within accredited and regulated clinical diagnostic laboratories. Students will gain knowledge of clinical biochemistry, diagnostic endocrinology and other sub-specialisms e.g. toxicology, newborn screening and metabolic biochemistry including the pathophysiological basis for related conditions and diagnostic approaches to their investigation and management. Students will understand the policies, procedures and methodological tools and techniques as relevant to clinical diagnostic laboratories including the requirements of medical laboratory accreditation, ethics and legislation e.g. GPDR, IVDR. Students will also develop skills for statistically evaluating data, using relevant software for data collation and analysis as well as contextualising and interpreting results analytically and clinically. Students will also learn and develop skills for gathering and appraising scientific and medical literature, particularly for research and development purposes, as well as effectively communicating clinical and scientific information verbally and written.

Indicative Content: Clinical Diagnostic Tools and Techniques; Clinical Biochemistry in Physiology, Disease Pathogenesis and Management; Biochemistry Through the Ages; Endocrinology and Metabolism; Research Ethics (Clinical Biochemistry); Clinical Placement; Practical Work.

Admission Requirements: A 2:1 honours undergraduate degree (NFQ Level 8) or international equivalence in a Biochemistry related discipline and/or postgraduate degree in a Biochemistry related discipline

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

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=X874&KEYWORD=x874

Application: Apply online via the programme webpage.

E12	MSc in Clinical Research	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Clinical and Translational Research aims to train the next generation of investigators who will lead cutting edge clinical research into the future. We value high quality clinical research as the means to ensure novel interventions are developed to improve patients' lives. We deliver our programme through a blend of on-line learning followed by time in an active Clinical Research Centre, thereby ensuring students are taught by and gain experience alongside expert staff and internationally renowned investigators. A comprehensive programme of hands on practical experience is a core element of the course, complementing online and classroom based learning. Student assessment is focused on evaluating practical as well as theoretical skills and knowledge. This unique learning environment exposes students to high quality clinical research.

Indicative Content: Core - Fundamentals of Health Research and Evaluation Methods; Introduction to Biostatistics I; Introduction to the Ethical and Regulatory Frameworks of Clinical Research; Minor Thesis. Options - Introduction to Biostatistics II; Introduction to Research Methods for Randomized Controlled Trials; Systematic Review Methods; Harnessing the Basic Biology of Cancer for Development of Novel Therapeutics; Clinical Research Site Level Activities; Clinical Research Administration; Health Systems and Policy Analysis; Health Technology Assessment; Observational and Analytical Research Methods; Bio-Ethics; Biobank—Advanced Clinical Application and Clinical Testing.

Admission Requirements: Students must have completed one of the following: An undergraduate degree in medicine; Another healthcare-related undergraduate degree with a minimum of 2nd Class Honours; A biomedical science-related undergraduate

degree with a minimum of 2nd Class Honours. Applicants from non-healthcare related degrees will be considered on a case-by-case basis at the discretion of the coordinators (minimum requirement of 2nd Class Honours). Applicants with significant relevant experience will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/clinical-research.html

Application: Apply online via the programme webpage.

E13	MSc in Dementia	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The interdisciplinary MSc in Dementia course provides healthcare professionals with the skills to expertly care for a person with dementia from diagnosis to end-of-life. We advocate a biopsychosocial approach in this course, meaning that we look at the body, mind and environment and consider how they are all connected. Our course content reflects this approach. The topics on this course include dementia presentations and assessments; restorative and adaptive cognitive and non-cognitive interventions; a strong focus on communication, ethical approaches and care planning; translation of evidence to clinical practice; and reflection on legislative, policy and societal influences on dementia care across health and social care settings.

Indicative Content: Core - Understanding Cognitive Disorders and Dementia; Advanced Issues in Dementia Care; Clinical Practicum in Dementia; Applied Research for Gerontology and Rehabilitation or Advanced Research Methods for Healthcare Professionals; Dissertation in Dementia. Options - Stroke Rehabilitation; Falls, Mobility and Movement Disorders; Independent Study; In-depth Independent Study; Neuromuscular Disorders; Holistic Approach to Palliative Care; Advance Care Planning; Ethics for Specialist Practice.

Admission Requirements: An honours primary degree in a relevant health care discipline or an equivalent academic qualification and professional experience to be approved by Programme Team. A relevant health care discipline includes but is not limited to medicine, nursing, pharmacy, occupational therapy, speech and hearing science, audiology, physiotherapy, psychology, and social studies.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckx21/

Application: Apply online via the programme webpage.

E14	Master of Dental Public Health	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The aim of our Dental Public Health postgraduate programme is to provide you with the knowledge and skills necessary to lead and support the development of dental public health nationally and internationally. Highly-trained public

health specialists are required in Ireland and abroad to tackle issues such as health inequalities; their causes and solutions; communicable diseases; oral health; obesity; smoking and international health development. In particular, Dental public health is the science of preventing oral diseases, promoting oral health and improving the quality of life through organised efforts. It concerns not only actions directed at populations as a whole, but also at the groups and individuals that make up populations.

Indicative Content: Principles and Practice of Public Health; Applied Research for Public Health; Public Health Informatics; Leadership in Public Health; Decision Analysis and Evaluation Methods in Health Care and Health Care Financing; Public Health and Critical Social Science; Dental Public Health; Preventive Dentistry; Dissertation in Dental Public Health.

Admission Requirements: Applicants must hold a BDS (Hons) Degree of the NUI or equivalent degree. Health care professionals, for example, medical doctors, nurses or auxiliary dental workers holding relevant degrees will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckx01/

Application: Apply online via the programme webpage.

E15	MSc in Experimental Physiology	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The taught MSc in Experimental Physiology is an ideal programme for students that are interested in a biomedical research or laboratory-based career in academia or industry. The programme focuses on basic research skills and laboratory techniques that are taught in a structured modularised format spread over three trimesters. This programme provides invaluable exposure to the research environment and is ideal preparation for those considering a further research degree. Robust reproducible science is the foundation of biomedical discovery. The MSc in Experimental Physiology programme focuses on teaching practical laboratory techniques and fundamental biomedical research skills. A key feature of this programme is that all students experience one-on-one teaching within research groups that are supervised by internationally renowned investigators. This unique learning environment allows students to perfect fundamental laboratory techniques and apply them to current research questions in an active world-class research environment.

Indicative Content: Core - Narrative Literature Review; Stage1 Trans Research Skills A; Analysis of Gene Expression - PCR; Analysis of protein distribution in tissues - Immunohistochemistry; Analysis of protein expression - Western Blot; Cell Culture for Physiological Research; Online Research Skills; Research Integrity Online; Public Science Communication; Stage1 Trans Research Skills B; Conway Lecture & Seminar Series; Introduction to Core Research. Options - Advanced Biological Imaging; Teaching in Higher Education; Fundamentals of Physiological Research; Entrepreneurship: Application and Mindset; Academic Writing for Science for Postgraduate students; Creative Thinking & Innovation; Communicating for Impact; Cellular Physiology; In Vivo Physiology; Molecular Physiology; Tissue Physiology; Introduction to 'Omic' and Advanced Imaging Technologies; Quantitative Tools for the Life Sciences; Scientific Writing and Communication; Flow Cytometry: Principles and Practice; Applied Proteomics; Statistical Analysis of Proteomic Mass Spectrometric Protein Identification Data.

Admission Requirements: Undergraduate degree in Physiology or related biomedical discipline.

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

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=X846&KEYWORD=x846

Application: Apply online via the programme webpage.

E16	MSc in Global Health	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The M.Sc. in Global Health is a multidisciplinary course using biosocial models to address global health challenges. It 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. These problems may arise, for example, in relief and development programmes in developing countries; in conflict and post-conflict situations; with refugees, asylum seekers and economic migrants; with tourists and business travellers. All countries give rise to inequities in health, wealth, education and human rights, and the interconnectedness of these issues will be a major theme running throughout the course.

Indicative Content: Conceptualisations of Global Heath; Health Economics and Finance; Quantitative Research Methods and SPSS: Quantitative Research Methods for Global Health; Mental and Cognitive Health and Ageing: A Global Perspective; Epidemiology; Health Environment and Climate; Sexual and Reproductive Health; and Culture Health and Illness; Dissertation.

Admission Requirements: As global health is a multidisciplinary field, applicants can be graduates of any academic discipline. Applicants will need to hold at least a 2.1 honours degree from an Irish university or equivalent result from a university in another country.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

E17	MSc in Global Mental Health	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: This course covers a range of cognate topics, including inequalities in the prevalence and development of a broad range of mental health difficulties; social determinants of mental health and wellbeing; a focus on context and culture; the accessibility and acceptability of evidence-based interventions; and international and national mental health systems, focused on humanitarian and emergency settings. Students enrolled on the M.Sc. Global Mental Health programme will receive extensive theoretical and practical training on programming within Mental Health and Psychosocial Support (MHPSS), delivered in collaboration with international and non-governmental humanitarian organisations.

Indicative Content: Conceptualisations of Global Health; Epidemiology; Culture Health and Illness; Quantitative Research Methods for Global Health; Advanced Quantitative Methods for Global Mental Health; Reviews and Qualitative Research for Global Health; Global Child and Adolescent Mental Health; Project Cycle Management for Global Health; Global Health in Humanitarian Contexts; Mental and Cognitive Health in Ageing: A Global Perspective; Double module: Mental Health and Psychosocial Support in Emergencies; and a mandatory Research Dissertation.

Admission Requirements: Applicants will be expected to have an Honours Bachelor's degree at 2.1 or above, in a global health-related and/or psychology-cognate area from a recognised university. Applicants should also have international experience, and a strong interest in global mental health.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/global-mental-health-msc/

Application: Apply online via the programme webpage.

E18	MSc in Health Economics	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Health Economics is a taught Masters programme which introduces the student to the theoretical principles and practical techniques of economic analysis which are applied to inform health policy and health care decision-making within the evolving global context of technological development, population ageing, rising healthcare costs and changing patient preferences and expectations. In particular, the programme seeks to equip students with the tools to examine individual behaviours with respect to health and health care, to explore alternative systems of health care finance and delivery, and to apply economic evaluation, preference elicitation and econometric techniques to inform health care resource allocation.

Indicative Content: Core - Economics of Health and Health Care; Economic Evaluation in Health Care; Econometrics; Research Methods for Health Economics and Policy; Health Systems and Policy Analysis; Applied Health Technology Assessment and Decision Modelling; Dissertation or Applied Placement Project. Options - Market Access and Health Technology Assessment; Public Sector Economics; Cost Benefit Analysis and Evaluation; Applied Econometrics; Observational & Analytical Research Methods; Introduction to Systematic Reviews.

Admission Requirements: Applicants will typically require a H2.1 degree (NFQ Level 8 or equivalent) in Economics. However, candidates with a significantly high H2.2 honours degree and who have achieved a 2.1 average in relevant Economics modules in a business degree, will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/health-economics.html

Application: Apply online via the programme webpage.

E19	MSc in Health Policy & Management	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The Health Policy and Management programme equips learners with vital knowledge, skills and tools for understanding, researching and working in complex and changing health and social care systems. From reforming and managing health systems, to implementing organisational, technological and digital innovations, course participants acquire a detailed theoretical and practical understanding of major health system challenges and developments – and how to address them.

Indicative Content: Population Health Management; Health Policy; Comparative Health Systems; Health Economics; Knowledge Translation & Implementation; Managing People and Change; Integrated Care Systems; Research Methods & Dissertation.

Admission Requirements: Applicants will need to hold at least a 2.1 honours undergraduate degree or above, from an Irish university or an equivalent result from a university in another country, in a related professional or academic discipline (e.g., medicine, nursing, allied health professions, management, social sciences, or health sciences, among others).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/health-policy-and-management-msc/

Application: Apply online via the programme webpage.

E20	MA in Health Promotion	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The programme aims to provide students with professional education and training in the principles and practice of health promotion. A range of teaching and assessment methods are used, including interactive lectures, work placements, small group teaching, skills development, and contributions from practitioners in the field. The programme comprises four core and six optional modules. Students must complete eight modules in total, four core and four optional, from a choice of six. As a student in Health Promotion you will have the opportunity to engage with international health promotion research projects.

Indicative Content: Core - Foundations of Health Promotion; Research Methods; Evidence-Based Health Promotion Practice; Determinants of Health; Dissertation. Options - Mental Health Promotion; Promoting Young People's Health in Educational Settings; Promoting Healthy Behaviours; Promoting Health in the Workplace.

Admission Requirements: An upper honours primary degree (H2.1), or equivalent international qualification, from a cognate discipline.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/health-promotion.html

Application: Apply online via the programme webpage.

E21	MSc in Healthcare Informatics	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This course is directed to medical practitioners, those in allied professions and also at those working in ICT areas in the health sector. Trains graduates in medical and allied professions and those with an information technology background in healthcare informatics. Enables students to develop the knowledge and skills necessary to understand and utilise

tools of medical informatics. Flexible approach to teaching and learning to accommodate busy clinicians. Currently funded under the National Development Plan, Graduate Skills Conversion Programme.

Indicative Content: Core - Medical Research Design, Regulations & Ethics; Medical Records; Clin Info and Decision Support; Interoperability, Standards, Introduction to XML; Intro to AI in Healthcare; Info Governance in Health; MSc (Healthcare Informatics). Options - Data Mining; Information Visualisation; Digital Health Technologies: Integration and Application of Medical and Consumer Devices; Data Programming with R (Online); Personalized Medicine; Info Systems Implementation; Health Data & Analytics; AI for Personalised Medicine; AI in Pathology; Corporate Info Sys in Health; AI For Medical Image Analysis; Dissertation.

Admission Requirements: This programme is intended for applicants in a Health, Medicine or IT discipline. An upper second class honours or international equivalent is required.

IELTS: Minimum 7.0 overall score required with no less than 6.0 in each component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=X523&KEYWORD=x523

Application: Apply online via the programme webpage.

E22	MSc in Immunology	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: This one-year Masters course in Immunology provides academic, laboratory and research training in cellular and molecular immunology, with emphasis on the interface between basic, clinical and therapeutic immunology. A major focus is on understanding how inflammatory regulation is lost in disease processes including viral, bacterial and parasitic infection, as well as cancer, autoimmune, and allergic disease. The Immunology programme aims to provide students with a well-balanced and integrated theoretical and practical knowledge of Immunology, and to highlight the progress and intellectual challenges in this discipline. This course includes the study of immunological processes and mechanisms, how they contribute to disease and how they might be manipulated therapeutically.

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; and Immunotherapeutics and Product Develoment; Research Project or 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.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/immunology-msc/

Application: Apply online via the programme webpage.

E23   Master of Health Sciences in International Healthcare Management (International Stream)   ATU

Study Location: Atlantic Technological University (ATU Sligo St Angela's campus)

Programme Duration: 12 months

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

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

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

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

Programme Webpage: https://www.atu.ie/courses/master-of-health-science-international-healthcare-management

Application: Apply online via the programme webpage.

E24   MSc in International Medical Technologies, Innovation and Development   ATU

Study Location: Atlantic Technological University (ATU Galway Dublin Road campus)

Programme Duration: 12 months

Programme Outline: The MSc in International Medical Technologies, Innovation and Development programme develops the necessary skills required to strategically support the innovation journey of medical technologies for access into target international markets. Learners will not alone develop critical research skills to support the convergence in medical technologies but will also understand regulatory requirements and advanced testing methods to meet the business strategy and plans for market for new technologies. Co-delivered by both industry and academic experts, the Masters programme will be delivered using a blended learning approach. The programme design team have placed a strong emphasis on work-based learning and the year-long research project will be carried out in a company or within an applied research centre in ATU.

Indicative Content: Global Regulatory Strategies for Medical Technologies; Medical Technologies; Design and Analysis of Experiments; CEO Masterclass; Pre-clinical Evaluation and Assessment; Design Control and Risk Management; Research Project in Medical Technologies.

Admission Requirements: A 2.2 Honours Bachelor degree in any cognate discipline or equivalent in science, technology or engineering, is the minimum entry requirement for this programme.

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

Programme Webpage: https://www.atu.ie/courses/master-of-science-international-medical-technologies-innovation-and-development

Application: Apply online via the programme webpage.

E25	MSc in Medical Device Design	NCAD

Study Location: National College of Art and Design (NCAD Thomas Street campus)

Programme Duration: 12 months

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

Indicative Content: Introduction to Research Methods; Design Studio Collaborative Project; Basic Medical Science; Human Factors; Fundamentals of Medical Device Design; Bioinstrumentation; Major Thesis Project.

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

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncad.ie/postgraduate/postgraduate-masters-information/msc-medical-device-design-ad460/

Application: Apply online via the programme webpage.

E26	MSc in Microbiome Science	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: This programme offers a unique combination of microbiology and computational biology. There is a strong emphasis on practical skills training alongside state-of-the-art academic and theoretical content. As well as learning how to evaluate the current place of microbiome science in society today, you will also acquire career-related skills such as data analysis, technical skills, communicating, and presenting ideas and data in a written and oral format. UCC is at the forefront of microbiome research through the School of Microbiology and APC Microbiome Ireland and is ideally placed to deliver an MSc in Microbiome Science where you will learn about the role of the microbiome in health, disease, and sustainability. The MSc will provide you with the prerequisite knowledge of microbial physiology, metabolism, and phylogeny required for the biological interpretation of microbiome data. In addition, you will be provided with essential training in computational analysis of microbiome data of different technical types.

Indicative Content: Functional Foods for Health; Computational Microbiome Analysis; Cross-kingdom Signalling in Microbe-Host Interactions; Ecology of Microbial Communities; Microbiomes in Health and Disease; Introduction to Computational Analysis of

Microbiome Data; Practical Skills in Microbiome Science; Literature Review in Microbiome Sciences; Molecular Techniques in the Life Sciences; STEPS Scientific Training for Enhanced Postgraduate Studies; Research Dissertation in Microbiome Sciences.

Admission Requirements: Applicants must have at least a Second Class Honours Grade 2 in a primary honours degree (NFQ, Level 8) in the biological sciences including, but not limited to, microbiology, biochemistry, immunology, molecular biology. Consideration under Recognition of Prior Learning (RPL) may also be given to applicants who do not meet the minimum academic entry requirements as stated above but who present with significant and directly relevant experience such as in industry or research.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

E27	MSc in Neuropharmacology	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The outcomes of this programme include demonstrating a detailed knowledge of the principles and concepts of neuropharmacology and an in-depth knowledge of recent developments and applications in the field. Students will also exhibit a high-skill level in a wide range of laboratory skills for neuropharmacological investigations. They will be proficient in communicating experimental findings effectively using a variety of verbal, written, and visual means. Additionally, students will be capable of designing, conducting, analysing, and presenting their original laboratory-based research.

Indicative Content: Core - Neuroscience; Central Neurotransmission; Fundamental Concepts in Pharmacology; Applied Concepts in Pharmacology; Experimental Methods in Pharmacology; Experimental Neuropharmacology; Current Topics in Neuropharmacology; Neuropharmacology & Therapeutics; Neuropharmacology Research Project. Options - Pharmacology Thesis; Physiology Thesis; Biochemistry Thesis; Anatomy Thesis; Psychiatry Thesis.

Admission Requirements: A minimum of a Second Class Honours Level 8 degree (2.2 minimum) in disciplines such as Chemistry, Life Sciences, or Psychology. Alternatively, a Level 7 degree with three years of relevant work experience.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/neuropharmacology

Application: Apply online via the programme webpage.

E28	MSc in Nursing (International)	MTU

Study Location: Munster Technological University (MTU Kerry North, Tralee Dromtacker campus)

Programme Duration: 12 months

Programme Outline: The MSc in Nursing (International) is constructed within the context of health, nursing and educational policy developments. The programme facilitates professional planning and leadership for participants within clinical practice,

within management, research and/or education. The aim of this MSc in Nursing is to develop postgraduates with an advanced level of theoretical knowledge, leadership and research skills in nursing. These skills will enable learners to become leaders in their designated fields of healthcare. The programme aims to enable graduates to provide expert knowledge in shaping current and future changes in nursing and health care services.

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

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

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

Programme Webpage: https://www.mtu.ie/courses/tlnmsctm/

Application: Apply online via the programme webpage.

E29	MSc in Nursing - Advancing Child Health and Wellbeing	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: This programme will enable students to strengthen and develop the knowledge, skills competencies, and attitudes necessary to advance care for the health and wellbeing of children, young people and families. The modules offered are grounded in a body of evidence-based knowledge that promotes excellence in contemporary nursing practice. The course provides advanced study in research methods, the theoretical and practical aspects of management, clinical practice and leadership and child health perspectives as well as contemporary issues in child health and wellbeing. This course is designed for current registered nurses who wish to develop their knowledge in children's health, illness, and child wellbeing.

Indicative Content: Core - Childhood Adversity: Understanding the Impact of Childhood Adversity on the Life of the Infant, Child, and Young Person; Advancing Care Closer to Home: Contemporary Issues in Children's Nursing and Healthcare; Integrated Care Delivery for the Child and Family. Options - Theory and Practice of Enquiry Methods for Healthcare; Ethics and Law in Health and Social Care; Digital Health – Understanding the Application of Technology in Modern Healthcare.

Admission Requirements: Applicants must hold at least an upper second-class (2.1) Honours undergraduate degree in nursing or a related discipline or equivalent professional and academic qualification. They must also hold current registration as a nurse with the Nursing and Midwifery Board of Ireland, or, in the case of international applicants (for theory-only learning strands), be registered as a professional nurse in their own country.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

E30	MSc in Occupational Safety & Health	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This MSc in OSH full-time programme is especially designed for graduates who have experience in Occupational Safety and Health (OSH), who have not previously achieved a higher level qualification in the area. At the end of the programme, you will have developed the ability to develop and implement health and safety management and risk management systems relevant to the OSH needs of your professional discipline; professional and academic writing skills; self-management and self-directive skills and research skills.

Indicative Content: Safety and Health Legislation; Health and Safety Management; Research Methods (OSH); OSH Literature Review Methods; Human and Org Behaviour; Occupational Health; Occupational Hygiene; Safety Technology; Chemical Safety and Toxicology; Dissertation (Occupational Safety and Health).

Admission Requirements: A primary degree at 2.1 level (Second Class Honours, Grade One) in a cognate discipline is normally required. However, The School will also consider 2.2 award (NFQ Level 8) or equivalent on a case-by-case basis subject to the addition of relevant OSH work experience which can be taken into account.

IELTS: Minimum overall score of 7.5 with no less than 7.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X373

Application: Apply online via the programme webpage.

E31	MSc in Pharmaceutical Regulatory Affairs	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

Programme Outline: The programme enables existing regulatory affairs personnel in the pharmaceutical regulatory industry to understand all current diagnostic and medical device regulations and develop the necessary skills to work successfully in the dynamic world of regulatory affairs. The primary objective of this Masters is to enable learners to expand their job responsibilities and opportunities in new areas after completing the programme. It will also enable learners to create an excellent network within the pharmaceutical industry, both by meeting other regulatory professionals during the course and by interacting with industry experts while completing their dissertation research.

Indicative Content: Lifecycle Management, Vigilance, Surveillance And Risk Management; Pharmaceutical Technology Regulatory Affairs; Non Clinical And Clinical Evaluation Of Pharmaceutical Technologies; Principles Of Discovery Of Medicines And Development Planning; Research Methods And Technical Report Writing; Special Populations And Biologicals And Advanced Therapies; Dissertation.

Admission Requirements: A second-class honours degree in science, engineering, quality, pharmaceutical or regulatory affairs or cognate areas. Those failing to meet the classification requirement may be eligible for entry to the Postgraduate Diploma.

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

Programme Webpage: https://www.setu.ie/courses/msc-in-pharmaceutical-regulatory-affairs

Application: Apply online via the programme webpage.

E32	MSc in Pharmaceutical Sciences	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: The M.Sc. in Pharmaceutical Sciences is an integrated multidisciplinary programme addressing fundamental and applied aspects of drug and drug product discovery, regulation, development, production and analysis with particular emphasis on the regulatory environment in which the Pharmaceutical Industry operates. The objective of the programme is to equip science graduates with knowledge and skills in the pharmaceutical sciences. It will help prepare candidates for careers in pharmaceutical research relevant to academic and manufacturing sectors. It is also expected that the course will help to stimulate interest in the pharmaceutical sciences and associated product and service innovation opportunities.

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

Admission Requirements: An upper second-class (2.1) Honours degrees in a relevant science disciplines, including Pharmacy, Chemistry, Analytical Chemistry, Microbiology, Biochemistry, or Pharmacology, or other appropriate programmes, such as Medicine or Veterinary. Equivalent primary and/or postgraduate qualifications are considered, particularly with relevant professional experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/pharmaceutical-sciences-msc--pgrad-dip/

Application: Apply online via the programme webpage.

E33	MSc in Precision Medicine	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This MSc programme combines clinical and translational research, diagnostics and biomarker development, applications in the areas of oncology, drug discovery, and infectious disease and introductory data analysis skills allied to their application in industry and clinically relevant areas will cater for a broad audience while providing graduates with excellent career opportunities. Upskilling and diversifying the skillsets of a generation of life scientists, biomedical scientists and healthcare professionals to effectively understand utilize this data driven approach is essential to realizing this transformation. Students will be taught the fundamentals of clinical and translational research, applications in clinical diagnostics and Biomarker development and how precision medicine is being applied in the areas of oncology, drug development and infectious disease. Introductory modules in translational bioinformatics and biostatistics have been added to provide students new to these areas with interdisciplinary skill sets to draw insights and value from precision medicine data and to communicate their findings across

different domains. The program will be delivered by clinical and scientific experts from UCD, experienced Bioinformaticians and computer scientists, statisticians and experts in public health as well as industry leaders in precision medicine.

Indicative Content: High Throughput Technologies; Medical Research Design, Regulations & Ethics; Professional Skills and Career Development; Translational Bioinformatics; Clinical Biomarkers; Digital Health Technologies: Integration and Application of Medical and Consumer Devices; Entrepreneurship in Precision Medicine; Personalized Medicine; Precision Oncology; Drug Discovery and Development I; Regulatory Affairs for Life Sciences; Intro to Genetic Epidemiology; Research Project.

Admission Requirements: MSc Precision Medicine is open to graduates in the Life Sciences and Healthcare professionals who hold a minimum 2H1 in an undergraduate Degree. Applicants should have successfully completed an undergraduate medical degree or primary degree programme (minimum of a 2.1 honours or equivalent) in a biological or chemical science. This includes a B.Sc. in Biotechnology, Biochemistry, Microbiology, Genetics, Neuroscience, Physiology, Pharmacology, Medicinal Chemistry or an equivalent qualification.

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

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=X954&KEYWORD=x954

Application: Apply online via the programme webpage.

E34	Master of Public Health	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: This highly regarded programme will prepare you to investigate, evaluate and address public health challenges, whatever your professional background. On graduation you will be equipped with the core knowledge and specialised skills necessary to make a real difference in public health. The MPH is an innovative multi-disciplinary course where you can specialise in health promotion, health protection or epidemiology and biostatistics. The course offers both quantitative and qualitative research methods, and you can apply this knowledge to your dissertation. Our modules are developed and taught by a dedicated team of staff, who are experts in a variety of public health areas. Students will experience a wide range of teaching styles: classroom-based, limited fieldwork, and lab sessions.

Indicative Content: Core - Principles and Practice of Public Health; Applied Research for Public Health; Public Health Informatics; Leadership in Public Health; Qualitative Research in Public Health (Online); Health Economics for Public Health; Contemporary Perspectives of Global Health; Minor Dissertation in Public Health. Options - Health Promotion: Concepts, Principles and Practice; Public Health and Behavioural Change; Systematic Review and Meta-Analysis; Global and Environmental Health; The Principles and Practice of Multi-disciplinary Health Protection; Global and Environmental Health; Principles of Microbiology; Systematic Review and Meta-Analysis; Advanced Epidemiology; Systematic Review and Meta-Analysis; Advanced Biostatistics; Survival Analysis.

Admission Requirements: All applicants are required to meet one of the following: Possess a minimum Second Class Honours Grade I in a primary honours degree (NFQ Level 8) in a relevant subject area. Relevant subject areas are Biological Sciences, Medical and Health Sciences, Public Health and Social Sciences.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

E35	**Master of Public Health**	**UCD**

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MPH programme in UCD is a long-standing, internationally recognised Graduate Entry Professional Programme, developed to offer multidisciplinary training and development in Public Health. 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: Principles of Epidemiology; Biostatistics I; Communicable Disease Epidemiology; Quantitative & Qualitative, Data Management, Analysis & Reporting; Introduction to Knowledge Synthesis, Systematic Reviews & Meta-analysis; Public Health Practice and Policy; Health Promotion; Non Communicable Disease Epidemiology; Sociology & Social Epidemiology; Health Economic Analysis; Global Public Health (Population, Planetary, Climate); MPH Dissertation.

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

IELTS: Minimum overall score of 6.5, including a minimum of 6.5 in the writing component, and no less than 6.0 in any other component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X065

Application: Apply online via the programme webpage.

E36	**MSc in Regenerative Medicine**	**UG**

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Regenerative Medicine is a full-time, one-year taught programme that focuses on the scientific principles and applications of regenerative medicine, including stem cells, gene therapy, and tissue engineering. The programme is administered by the Regenerative Medicine Institute (REMEDI) and includes both theoretical modules and practical laboratory-based research.

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

Admission Requirements: Applicants should have, or expect to obtain, at least a Second Class Honours degree in a biological/life science or medicine. Applicants with a degree without Honours in a related area and three or more years of practical experience in the subject area are also eligible to apply.

IELTS: Minimum overall score of 6.5 with no less than 6.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/regenerative-medicine.html

Application: Apply online via the programme webpage.

E37	MSc in Technologies and Analytics in Precision Medicine	RCSI

Study Location: Royal College of Surgeons Ireland (RCSI St Stephen's Green campus)

Programme Duration: 12 months

Programme Outline: The health sector in Ireland is facing into a new era. Integrating areas such as data science, data analysis, omics, bioinformatics, computational biology, artificial intelligence and machine-learning to create a future of 'connected healthcare'. This Masters of Science (MSc) course has a core focus on precision medicine and data analytics and how to analyse healthcare data. Study across five key areas including precision medicine, genetics, data analytics, connected health, and innovation. The primary emphasis will be on precision medicine combined with connected health and data analytics. You'll learn how to enable future growth in the healthcare and the (bio) pharmaceutical industry and gain the skills you need to begin or advance your career in this exciting new field. Please note: This course is only available to those under the Ireland-Palestine Scholarship Programme. ***Please note: this programme is only available to those applying through the Ireland-Palestine Scholarship Programme.***

Indicative Content: Genetics, Genomics and Precision Medicine; Data Analytics and Computational Biology; Connected Healthcare; Innovation and Leadership; Research Project.

Admission Requirements: This course is only available to those under the Ireland-Palestine Scholarship Programme. To be eligible for this course, you should have successfully completed an undergraduate healthcare (pharmacy or medicine) degree or a primary degree programme (minimum of a 2.1 honours or equivalent) in a biological, chemical or mathematical/statistical science (including computer science). In addition, if you hold a primary degree, with a second-class grade (H2.2) in a biological, chemical or mathematical/statistical science (including computer science) and with industrial experience you will be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: Toxicology is the study of poisons, drawing heavily on life and physical sciences, as well as being an applied practically-based subject. It is designed to acquaint students with the breadth of Toxicology, with a considerable emphasis on its practical application. The first semester consists of a foundation in Pharmacology and Toxicology and their applications. Workshops provide students with a theoretical basis in data handling and interpretation. The second semester consists of lectures in advanced topics such as Risk Assessment, Target Organ Toxicity, Reproductive and Regulatory Toxicology. In addition there is more emphasis on laboratory mini-projects (in vivo, in vitro & molecular projects) that introduce students to the practical elements of toxicity testing and data interpretation. There are also a number of written projects on toxicity testing used in the drug industry as well as recent advances in toxicity assays which involve self-directed learning. In the third semester, there is a 3-month research project to investigate an aspect of toxicology and deliver a seminar on this area. This involves the student preparing a research proposal, carrying out the lab-based project and preparing a thesis on the findings.

Indicative Content: Introduction to Toxicology; Applied Toxicology; Fundamental Concepts in Pharmacology; Applied Concepts in Pharmacology; Experimental Methods in Pharmacology; Experimental Toxicology; Current Topics in Toxicology; Advanced Toxicology; Toxicology Research Project.

Admission Requirements: A minimum of a Second Class Honours Level 8 degree (2.2) in disciplines such as Chemistry, Anatomy, Biochemistry, Environmental Science, Forensic Science, Microbiology, Neuroscience, Pharmacology, Physiology, Zoology, or related fields. Applicants with a Level 7 degree and at least three years of relevant full-time postgraduate work experience may also be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/toxicology

Application: Apply online via the programme webpage.

F

Education

F01   MEd in Adult and Community Education   MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MEd in Adult and Community Education is particularly suited to those who are seeking ways of understanding the connections between theoretical frameworks and the assumptions that underpin their work practices. This programme will provide the opportunity for participants to critically reflect on their experience in the field, develop the public debate on social justice and critical citizenship and have a thorough grounding and an understanding of the background to and influences on research in adult and community education.

Indicative Content: Advanced Theories in Adult and Community Education; Advanced Gender Studies in Adult and Community Education; Power, Politics and Society: Adult Education in Context; History of Adult and Community Education; Ethical Perspectives on Adult Education; Key Concepts in Adult Learning; Research Methods in Adult & Comm. Education; Group/Individual Supervision & Reflexive Research; Thesis & Research Completion.

Admission Requirements: Candidates must have a primary degree (NFQ Level 8 or equivalent honours 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.). The University may waive these entry conditions in certain cases.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

F02   MPhil in Applied Intercultural Communications   TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: This course provides participants with novel perspectives and methods for effective intercultural communication at work, strategic partnerships, inclusive leadership and global engagement. Our applied mode relies on the use of case studies to illustrate how intercultural communication works on the ground in global contexts. The programmes combine international case studies, student-led case studies and practical activities, based on the participants' experiences. The applied focus is complemented by theory, research and practice-driven components, potentially linking African, Asian, Latin American and Caribbean, and Middle Eastern case studies to European and North American cultures and contexts. Students gain an understanding of the concepts and models related to intercultural communication and learn how to apply Equality, Equity, Diversity and Inclusion (EEDI) perspectives and digital literacy to develop equitable collaborations and partnerships with people from different backgrounds.

Indicative Content: Core - Introduction to Intercultural Communication; Communicating in a Culturally Diverse Workplace: A Practical Toolkit; Language, Culture and Communication; Multimodal Communication; Dissertation. Options - Reflective Learning Project on Intercultural Communication Practices; Cultural Technical Systems; Europe, America and the East and West Europe; Postmodernist Literature in East and Central Europe; Research Methods and Design; Translation Studies Methodologies; Theory and Practice of Digital Humanities.

Admission Requirements: A minimum 2.1 Honours class degree from an Irish university or its international equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/applied-intercultural-communications-mphil/

Application: Apply online via the programme webpage.

F03	MA in Applied Linguistics	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MA Applied Linguistics programme, offered by the School of Languages, Literatures and Cultures, will provide you with the tools to describe language from various analytical perspectives and with insight and training in various branches of applied linguistics. In addition, we encourage the development of key research skills in terms of methodological training for conducting research in this field. Invited guest speakers, who are international specialists in their field, add to the richness of our department and reflect student interests in any particular year. The thesis component of our programme allows specialisation on a research topic of specific interest to you. While the previous study of linguistics is not required, the course will specifically interest you if you are a language graduate or have an interest in a language-related career, such as language teaching, journalism, communications, media, speech and language therapy. This one-year MA course will appeal to a wide range of people, including present and future language teachers, and those interested in the various areas of linguistics.

Indicative Content: General Aspects of Linguistic Theory; Applied Aspects of Linguistics; Optional Areas of Specialisation in Applied Linguistics; Dissertation in Applied Linguistics.

Admission Requirements: Applicants must have a Second Class Honours Grade I in a primary honours degree (NFQ, Level 8) which includes a language. Applicants with a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) will be considered under Recognition of Prior Learning (RPL), subject to adequate proof of relevant additional work experience or background knowledge as assessed by the programme coordinators in an interview.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/cke01/

Application: Apply online via the programme webpage.

F04	MA in Applied Linguistics	MIC

Study Location: Mary Immaculate College (MIC Limerick campus)

Programme Duration: 12 months

Programme Outline: The Master's in Applied Linguistics provide a broad-based course of study in language description (language systems; grammar, lexis, and phonology), theories of Applied Linguistics, theories of Second Language Acquisition, frameworks for the study of discourse, sociolinguistics, as well as specialist research skills for the empirical analysis of language in context. While the programmes' main focus is on the use and teaching of the English language in a global context, they addresses a national and international need for professional development among language teachers and language professionals.

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

Admission Requirements: A 2.2 honours primary degree, plus an interest in language and linguistics.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.mic.ul.ie/faculty-of-arts/programme/ma-in-applied-linguistics

Application: Apply online via the programme webpage.

F05	MEd in Digital Leadership in Education	MIC

Study Location: Mary Immaculate College (MIC Limerick campus)

Programme Duration: 12 months

Programme Outline: The MEd in Digital Leadership in Education is designed for those working in education to support them to lead, design, implement and evaluate an integrated and innovative model of digital learning within their educational contexts. Learners will work collaboratively to solve problems that explore the elements key to a successfully digital learning ecosystem in particular the relationship between digital learning policy; digital pedagogies; digital equality, diversity and inclusion (Digital EDI); open and distributed e-leadership; digital literacy and wellbeing and digital infrastructure when planning digital learning in their individual schools or educational institutes.

Indicative Content: Digital EDI; Digital Pedagogies; Principles & Practice of Research; Open Leadership; Digital Infrastructure; Digital Literacies; Applied Research Project; Dissertation.

Admission Requirements: Applicants should hold a relevant degree at 2.2 Honours Level or higher (Level 8).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.mic.ul.ie/faculty-of-education/programme/certificate-diploma-m-ed-in-digital-leadership-in-education

Application: Apply online via the programme webpage.

F06	MA in Education	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MA in Education was developed for education professionals, teachers, or those with a personal interest in education who would like to develop their strengths and interests to an advanced level. Students choose optional courses from two separate strands – professional development and educational sciences – as well as undertaking advanced courses in research methods. Students develop an understanding of the core academic disciplines informing the study of education, and of key issues, policies and debates within the field. Students are exposed to a range of research skills and

techniques that enable them to engage with, and produce, high-quality educational research. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.***

Indicative Content: Core - Research Methods (Blended); Global Development Education; Internship: Work Experience and Career Development. Options - Education Sciences: Psychology Applied to Schools; Critical Policy Analysis; Children's Rights & Participation; School Effectiveness; Education for the 21st Century; Key Issues in Second Language Development; Inclusive Education for Pupils with Additional Support Needs; Equalities, Social Justice and Children's Learning; History of Childhood & Learning; Wellbeing of Children and Youth.

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

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W027

Application: Apply online via the programme webpage.

F07	Master of Education	MIC

Study Location: Mary Immaculate College (MIC Limerick campus)

Programme Duration: 12 months

Programme Outline: The Master of Education (M Ed) with Specialisms programme is designed for all those interested in enhancing their professional knowledge, understandings and skills. In this fashion, students will build their own customised M Ed from the available modules tailored to their own professional specialisation, research areas and personal interests.

Indicative Content: Core – Inclusive Education Policy and Practice; Principles and Practice of Research in Education; National and International Trends and Current Issues; Applied Research Project; Dissertation Modules. Options – Theory and Practice in Education; Ensuring Criticality and Reflexivity in Educational Research Design; Leadership and Management in Education; Leadership and Management Portfolio; Education and the Law; Introducing Wellbeing into Education; Critical Analysis and Reflection on Wellbeing; Foundations of Music Education; Religious Education and the Search for God; Religious Education – Approaches, Policy and Contexts; Key Paradigms in STEM Education; Building School, Family, Community Partnerships for Learning; Philosophy with Children: Nurturing Curiosity in the Primary Classroom; Content and Language Integrated Learning in Contemporary Education; Curriculum Design, Development and Evaluation; Promoting Effective Literacy Leadership; Psychology and Sociology of Adult Education; Communications and Industry; School Self-Evaluation and Whole School Planning: Leading and Managing Curriculum Change; Exploring Ethical Issues with Children through Philosophy; Critical Engagement with Spirituality in the Environment; Leading Mentoring in Early Childhood and Primary School Contexts.

Admission Requirements: Applicants will be considered for direct entry into the M Ed programme on the basis of possession of a Primary Degree in Education (Level 8 NFQ) at a minimum of Honours 2.2. Applicants who have a 2.2 Honours degree in other disciplines may be considered if they have substantial and relevant professional experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.mic.ul.ie/faculty-of-education/programme/master-of-education-m-ed

Application: Apply online via the programme webpage.

F08	Master of Education	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: This taught Master of Education programme is designed for those interested in exploring and furthering their knowledge in the field of educational studies. Its modular design offers students the opportunity to tailor their education and prioritise deepening their knowledge and skills in particular educational issues while also ensuring that students are immersed in broader contemporary educational conversations. As part of a global community of students, the experiences in the programme are designed to focus on self-inquiry, mastery of research literacy and developing a global perspective on local issues in a critical, future-oriented and collaborative way.

Indicative Content: Core - Introduction to Research Methods in Education; Critical Reflections on Education; Contextualising & Communicating your Research. Options - Introduction to UDL; Leadership for Quality Teaching and Learning: Linking Policy, Research and Practice; Teaching about Teaching. From Teacher to Teacher Educator; Contemporary Issues in Working With Families and Communities; Capstone Project; Sharing the World: Education, Pluralism, and Conflict; Trauma-Informed Care; Education Litigation; Thesis.

Admission Requirements: Applicants should hold an equivalent of an honours degree and/or honours postgraduate diploma. Applicants must have a recognised primary degree which is considered equivalent to Irish university primary degree level.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/master-education

Application: Apply online via the programme webpage.

F09	Master in Education	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: Unlock new perspectives on education with our Master in Education (M.Ed.) programme. Designed for those looking to engage deeply and critically with the field of education, this stimulating programme allows you to tailor your studies to your unique interests through specialist and flexible open pathways. The M.Ed. focuses on educational research, theory and practice, with specialised modules that deepen your expertise in your areas of interest.

Indicative Content: Core - Leadership and Policy; Drama in Education; Higher Education; Psychology of Education; Dissertation. Options - Arts Education; Assessment & ICT in Education; Early Intervention; Higher Education; Inclusive Education; Language Education; Leadership & Policy; Mathematics Education; Music in Education; Psychology of Education; Science & Society; Philosophy & Social Policy in Education.

Admission Requirements: Applicants are normally expected to hold a good honour's degree (normally a 2.1 or equivalent).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/az/course.php?id=DPTED-EDUC-1F09

Application: Apply online via the programme webpage.

F10	MEd in Education for Sustainability and Global Citizenship	MIC

Study Location: Mary Immaculate College (MIC Limerick campus)

Programme Duration: 12 months

Programme Outline: This programme has been designed to equip educators with the pedagogies and theoretical frameworks to consider these issues. The programme is designed for those working in education including pre-school practitioners, primary and secondary teachers, and those working in non-formal education. The programme will focus on current challenges to sustainability including climate change, and loss of biodiversity. Through Global Citizenship Education (GCED) the programme aims to focus on agency empowering students of all ages to assume active roles, both locally and globally, in building more peaceful, tolerant, inclusive and secure societies. The programme is designed for those working in education supporting them to integrate education for sustainability and global citizenship in their short term and long term programmes. The is a blended programme, with the on campus components taking place in Limerick. It also includes field trips to sites including the Burren, the Eco Village in Cloughjordan and the Aquarium in Salthill, Galway.

Indicative Content: Education for Sustainability, Outdoor Learning and Climate Justice; The World in the Classroom: Education for Global Citizenship; Geo-literacy: Use of children's literature for promoting education for Global Citizenship; Children's agency as local citizens – creative approaches for teaching local history; Contemporary Issues in Sustainability and Global Citizenship Education: Ethics, Beliefs, Integration And Equality; Principles and Practice of Research in Education.

Admission Requirements: Applicants should hold a relevant NFQ level 8 degree at 2.2 Honours Level or higher.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/3ZJ34VU

Application: Apply online via the programme webpage.

F11	MA in Leadership in Early Years Education and Care	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

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

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

Admission Requirements: Entry requirements are a Level 8 degree, with a minimum of Second Class Honours, Grade 2 or equivalent in the following areas: Early Childhood Education and Care; Applied Social Studies; Social and Community Studies; Youth and Community Work; Social Sciences or cognate area.

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

Programme Webpage: https://www.setu.ie/courses/ma-in-leadership-in-early-years-education-and-care

Application: Apply online via the programme webpage.

G

Sociology, Social Policy, Social Research and related

G01   MA in Anthropology   MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MA in Anthropology is an advanced degree in socio-cultural anthropology in which students are given a comprehensive introduction to the theoretical underpinnings of the discipline, a block of modules that open up and explore the conceptual and methodological core of the discipline, and a series of specialised modules that show the range of socio-cultural anthropology today. The Department has particular strengths in the overlap between medical anthropology, security studies, digital transformations of society and global development, all of which are represented in our selection of specialized modules. The MA in Anthropology is primarily a degree that aims to equip students for professional careers that are enhanced by academic social-scientific knowledge or the particular skills of trained ethnographic researchers.

Indicative Content: Core - Key Concepts and Ethnographic Practice I; Social Thought; Key Concepts and Ethnographic Practice II; Thesis. Options - Advanced Studies in Addiction, Recovery and Culture; Privacy Today; Creole Teaching Exchange 1; Anthropology and Development; Medical Anthropology; Understanding Digital Society; Contemporary Global Issues, Challenges and Responses; Critical and Creative Media Research; Writing for Screen Media; Who Are We? Biology and Identity in the 21st Century; Advanced Studies in Ethnographic Filmmaking; Ethnography Winter School; Creole Teacher Exchange 2; Anthropology of Digital Media; Public Engagement and Spatial Justice; Creative Interactive Computing

Admission Requirements: A degree 2.2 or higher in anthropology or cognate discipline (NFQ Level 8 or equivalent honours degree), or a recognised international equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/ma-anthropology

Application: Apply online via the programme webpage.

G02   MSc in Applied Social Research   TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: This Masters in Applied Social Research aims to equip students with the skills necessary to conduct 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; and a Research Dissertation.

Admission Requirements: Applicants should normally have an upper second-class (2.1) Honours degree in one of the Social Sciences. Applications from graduates in other disciplines (e.g., health sciences, business studies, marketing, history etc.) who have relevant experience may be considered.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/az/course.php?id=DPTSW-ASRE-1F09

Application: Apply online via the programme webpage.

G03	MA in Child, Family and Community Studies	TUD

Study Location: Technological University Dublin (TUD Dublin city centre campus)

Programme Duration: 12 months

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

Indicative Content: Core - Management Issues in Child, Family and Community Work; Perspectives on Child, Family and Community; Transitions Across the Lifespan; Equality, Diversity and Intercultural Practice; Research Methods and Dissertation. Options - Contemporary Issues in the Early Years; Deviance, Punishment and Social Control in Modern Ireland; Interventions in Child and Adolescent Mental Health; Masculinities, Care and Equality; Risk, Protection and Resilience of Children and Vulnerable Adults; Social Entrepreneurship; Youth Offending and Youth Justice Perspectives.

Admission Requirements: Applicants must normally hold a second class honours bachelor degree, higher division (2.1) or higher in the area of social care, early education, social sciences, psychology, sociology, youth and community studies or cognate discipline. Applicants who do not meet the minimum academic requirements, but who have significant professional or vocational experience in child, family and community services shall also be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/child-family-community-studies-tu391/

Application: Apply online via the programme webpage.

G04	MA in Child, Youth and Community	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: Professionals involved in the delivery of services to children, young people and communities are increasingly required by funders and central government to provide scientific, robust evidence, to measure the social impact of these interventions. This one-year full-time MA Programme will enable students to be proficient in programme planning, implementation, monitoring and research evaluation methodologies in the context of child, youth and community services. The programme will allow students space to critically engage with the discourses and debates on 'evidence' and explore, through their integrated assessments, new lines of research and the accommodation of both in the real world of practice.

Indicative Content: Core: Families, Children and Young People: Sociological Perspectives and Policy Issues; Programme Planning and Evaluation; Human Rights and Social Justice; Community Development and Community Organising; Research Methods and Methodology; Research Workshop. Options - Professional Experience; Working with Specific Populations; Applied Gender Analysis; Social and Political Context of Activism and Advocacy; Gender, Sexuality and Global Health; Welfare, Social Change and Irish Society; Policy and Governance of the Digital Age; Women, Conflict and Human Security.

Admission Requirements: Applicants will require a NQAI Level 8 degree, Second Class Honours, or equivalent, with a 2:1 in child, youth and family studies, sociology, psychology or a cognate discipline.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/child-youth-and-community.html

Application: Apply online via the programme webpage.

G05	MA in Child, Youth and Family Studies	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

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

Indicative Content: Core - Contemporary Issues in Childhood and Youth Studies; Psychology in Practice; Perspectives on Family and Society; Leadership, Strategy and Governance; Research Methods and Dissertation. Options - Addiction Studies; Adult & Community Education; Youth Justice Interventions and Practice Approaches; Children's Rights and Child Protection.

Admission Requirements: Programme participants are required to hold a Level 8 degree (with a minimum of 2nd Class Honours) in the following areas: Early Childhood Education and Care; Applied Social Studies; Social and Community Studies; Youth and Community or a primary Level 8 degree in Social Sciences or cognate area (minimum 2nd class honours).

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

Programme Webpage: https://www.setu.ie/courses/ma-in-child-youth-family-studies

Application: Apply online via the programme webpage.

G06	MSc in Comparative Social Change	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Comparative Social Change is a oneyear full time programme which is jointly delivered by the School of Sociology at UCD and Trinity's Department of Sociology. It provides students with the theoretical frameworks and practical research skills necessary to understand the processes and pressing issues presented by global social change. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.***

Indicative Content: Core - Research Methods; Introduction to Comparative Social Change: Concepts and Cases; Globalisation & Social Change; Dissertation. Options - Migration: Educational Perspectives; Gender and Social Change; Migration, Labour, Conflict; Social Thinking in Digital Age; Global Solutions and Applied Social Change; Comparing Healthcare Systems; Nationalism and Social Change; Religion in Comparative Perspective.

Admission Requirements: Applicants should normally have a primary degree in sociology or social science, or a closely related discipline. A Student Grade Point Average (GPA) Equivalent 3.0 out of 4.0 is required (where the grading scale is 0.0 to 4.0) or equivalent result where other grading scale is presented.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W360

Application: Apply online via the programme webpage.

G07	MSc in Criminology and Criminal Justice	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This is a unique Masters programme, based in Ireland's only Institute of Criminology and Criminal Justice. It is suitable for graduates of disciplines other than law who have ambitions to work in the field of criminology and criminal justice. It provides career-relevant knowledge, insight and skills to those working or aspiring to work in sectors such as policing, youth justice, prisons, probation and related voluntary organisations, as well as a good platform for doctoral studies and a possible academic career. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.***

Indicative Content: Core - Dissertation. Options - Punishment, Prisons & Public Policy; Advanced Criminological Theory; Victims; Coercive Confinement; Organised Violence and Society; Human Rights Law and Equality; Crime and Society; Law of Armed Conflict; Gender, Conflict-related Harm & Transitional Justice; Gender, Peace, and Security.

Admission Requirements: Applications are invited from non-law graduates holding an excellent degree (at least 2.1) in a relevant subject area such as Sociology, Politics, Philosophy, History, Psychology or English. In exceptional circumstances, substantial professional experience within the field of criminal justice may be regarded by the selection panel as compensating for a lack of an upper second class honours level 8 qualification. Such applicants should state clearly in their application why they feel their other qualifications/experience are appropriate for admission onto the programme.

IELTS: Minimum overall score of 6.5, including a minimum of 6.5 in the reading and writing components, and with no less than 6.0 in any other component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=B220

Application: Apply online via the programme webpage.

| G08 | LLM in Criminology and Criminal Justice | UCD |

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: If you undertake the LLM in Criminology & Criminal Justice at UCD Sutherland School of Law, you will be studying at one of the Top 100 Law Schools in the World. This LLM focuses on crime and punishment which are issues of central importance to society. The UCD Institute of Criminology and Criminal Justice, the first of its kind in Ireland, has been the focus of debates in parliament, legislative and policy initiatives, and numerous reports in the media. Members of the Institute have engaged in major research projects including work on coercive confinement, recidivism and desistance, youth crime, policing, trial by jury, white collar crime, historical approaches to crime and punishment, restorative justice, victims, and penal policy. On this LLM the innovative teaching and small class sizes will allow you to develop strong analytical skills, and to hone your written and spoken critical insights. *Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.*

Indicative Content: Core - Dissertation. Options - Punishment, Prisons & Public Policy; Advanced Criminological Theory; Victims; Coercive Confinement; International Refugee Law; Organised Violence and Society; Crime and Society; Climate Change Law and Policy; Law of Armed Conflict; Behavioural Laws; International Migration Law; Gender, Conflict-related Harm & Transitional Justice; Law & Rationality; Gender, Peace, and Security.

Admission Requirements: Applicants must hold a Law degree, or an inter-disciplinary degree in which law was a major component. Applicants must have achieved at least an upper second class honours or equivalent.

IELTS: Minimum overall score of 6.5, including a minimum of 6.5 in the reading and writing components, and with no less than 6.0 in any other component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=B292

Application: Apply online via the programme webpage.

| G09 | MSc in CyberPsychology | ATU |

Study Location: Atlantic Technological University (ATU Letterkenny campus)

Programme Duration: 12 months

Programme Outline: This MSc programme will be of particular interest to students who wish to develop psychological insights into human interactions with digital technologies, and to learn to apply this knowledge in a wide variety of sectors that deal with the human computer interface point. They will become part of increasingly multi skilled teams that design deliver and regulate all manner of software and hardware solutions for humans. We will equip our graduates to be able to work effectively in contemporary workflow settings.

Indicative Content: Cyber Ethics; Human Computer Interaction; Artificial Intelligence and Ethical Responsibility; UX Design; Social CyberPsychology; Behaviour Across the Cyber Lifespan; Dissertation.

Admission Requirements: An Honours Degree with first or second-class honours or an equivalent qualification. Applicants should have exposure to computing, design, social sciences or psychology. Candidates who do not have an Honours degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL) .

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

Programme Webpage: https://www.atu.ie/courses/master-of-science-cyberpsychology

Application: Apply online via the programme webpage.

G10	MSc in Disability	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in Disability is a one-year full-time programme delivered by the UCD Centre for Disability Studies within the UCD School of Psychology. The MSc in Disability is developed for all who have an interest in disability including individuals with disabilities, family members and professionals. The philosophy of the programme is to promote an inclusive society respecting the will and preference of persons with disability. The programme includes six mandatory (core) 10 credit modules which provide students with a critical understanding of disability identity, intersectionality, policy and legislation as well as practice-based skills in research methodologies, behavioural support and programme development. *Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.*

Indicative Content: Core - Advanced Disability Studies; Disability Policy Legislation; Person Centred Programme Development; Applied Research Methods; Multielement Behaviour Support; Identity Sexuality & Mortality. Options - Inclusion and Equality in Education; NGOs: Law, Governance and Social Change; Fundamentals of Neuropsych; Comparing Healthcare Systems; Inclusive Education for Pupils with Additional Support Needs; United Nations Human Rights Practice; Public Health Practice and Policy; Health Promotion; Theory of Human Rights; Managing Change; Clinical Cases in Neuropsychology.

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

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W530

Application: Apply online via the programme webpage.

G11	MSc in Global Solutions	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Global Solutions is a new and innovative MSc programme delivered by the UCD School of Sociology. It combines academic, activist, business and policy perspectives (the AABP model) to explore and study solutions to significant

global problems, including climate change, global inequalities, conflicts and social transformations. Throughout the programme, we explore a range of current global problems, such as global inequalities, war and violence, climate change, and analyse relevant case studies applying innovative solutions. As a student, you will be encouraged to develop your own project and follow your particular interests as part of your Master's dissertation. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.***

Indicative Content: Core - Global Solutions and Applied Social Change; Research Design; Human Development Challenges in the Global South; R.A.G.E. - Remembrance, Activism, Genocide, Emotions; Dissertation. Options - Organised Violence and Society; Ideas, Ideology in Public Policy; Nationalism and Social Change; AI and Society; Queering Global Challenges; Sustainable Futures and Public Policy.

Admission Requirements: Applicants should normally have a primary degree (NFQ Level 8 or international equivalent) in sociology or social science, or a closely related discipline. A Student Grade Point Average (GPA) Equivalent 3.0 out of 4.0 is required (where the grading scale is 0.0 to 4.0) or the equivalent result where another grading scale is presented.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W536

Application: Apply online via the programme webpage.

G12	MA in Health & Society	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: This MA programme is aimed at graduates from a broad range of disciplines in the medical sciences, economics, and humanities and is designed to provide a unique and critical analysis of contemporary discourses on health from an individual, societal and global perspective. This course is about health, but not exclusively healthcare, as health is both a medical and a social issue. We ask you to explore health from a variety of different angles and to this end bring together health experts from a vast range of disciplines and colleges, including medicine, epidemiology, philosophy, economics, sociology, social policy, and law. Students will acquire a variety of analytical skills, which will allow them to analyse health from many different perspectives. By the end of the course, students will be expected to demonstrate in-depth expertise in relation to epidemiological, economic, and philosophical factors which contribute to health and well-being. In total, you choose 90 credits comprising core modules and modules from your chosen pathway: Philosophy, Public Health or Economics.

Indicative Content: Core - Principles and Practice of Public Health; Philosophy and Health; Healthcare Economics; Dissertation. Options - Varies by pathway.

Admission Requirements: Applicants must hold a Second Class Honours Grade I in a primary honours degree (NFQ Level 8) in either the disciplines of Philosophy, Public Health, Economics, Sociology, Social Science, Geography, Government, Politics, Law, Medicine, Nursing and other health professional programmes. Candidates who hold less than a Second Class Honours Grade I may also be considered under Recognition of Prior Learning (RPL), following a review of their individual qualifications and experience and based on the information provided in a supplementary statement and/or interview acceptable to the Department selection committee.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckd10/

Application: Apply online via the programme webpage.

G13	MA in Linguistics & Applied Linguistics	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MA in Linguistics and Applied Linguistics gives students a solid grounding in current research, approaches, methods and theories in core areas of linguistics (Sociolinguistics, Syntax, Corpus Linguistics, Phonetics) and encourages their effective application to language-based phenomena in a range of areas such as language technology, translation, language learning and teaching, the psychology of language, language planning and development, and to Law.

Indicative Content: Core - Research Skills 1; Corpus Linguistics (MA); Syntax (MA); Research Skills 2; Phonology (MA); Sociolinguistics (MA); MA Thesis or MA Internships or MA research papers. Options - Key Issues in Second Language Development; Exploring Text with Python; Quantitative Data Analysis; Meaning in Language; Second Language Teaching & Learning; Multilingualism; Translation: Methods & Skills; Intercultural Communication; Experimental designs and psycholinguistic research methods; First Language Acquisition; Research Creole Languages; World Englishes; Quantitative Text Analysis.

Admission Requirements: Applicants must have a BA or equivalent, having normally reached a 2H1 or better. Applications with a 2H2 average are considered on a case-by-case basis. No prior knowledge of Linguistics is required for admission to the MA programme. The MA is an ab initio degree, applicants who have already completed a BA in Linguistics are not eligible to apply. Competence in a language other than English is not required but useful.

IELTS: Minimum overall score of 6.5 with no less than 6.5 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=Z360

Application: Apply online via the programme webpage.

G14	MSc in Social Data Science	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in Social Data Science is a one year taught programme with strong interdisciplinary features and components across social and computational sciences. It equips students with a range of social scientific, computational, informational, statistical, and visualisation skills, for curation and analysis of large or complex data that arise from human activities and interactions in the digital world.

Indicative Content: Core - Social Simulation: Methods and Models; Research Design; AI and Society; Dissertation or Capstone Research Project and Internship. Options - Introduction to Programming I; Algorithmic Problem Solving; Information Visualisation; Computational Thinking (Conversion); Machine Learning (Blended Delivery); GIS for Environmental Assessment; Introduction to Statistics; Historical Sociology; Sociology of Climate Change; Workshop in Qualitative Research; Organised

Violence and Society; Global Solutions and Applied Social Change; Comparing Healthcare Systems; Data Programming with R; Monte Carlo Inference; Data Science in Python (MD); Machine Learning with Python; Introduction to Programming II; Spatial Information Systems; Recommender Systems & Collective Intelligence; Advanced Computational Social Science; Causal Inference & Policy Evaluation; Quantitative Text Analysis; Programming for Social Scientists; Nationalism and Social Change; Art, Knowledge & Social Change; Religion in Comparative Perspective; Human Development Challenges in the Global South; Queering Global Challenges; R.A.G.E. - Remembrance, Activism, Genocide, Emotions.

Admission Requirements: Applicants will be required to hold a 2.1 Honours degree or equivalent in a computational science discipline, and to show evidence for strong interest in social science research; Or to hold a 2.1 Honours degree or equivalent in a social science disciplines and to show evidence for strong interest in obtaining, or existing computational skills.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W559

Application: Apply online via the programme webpage.

G15	MA in Social Research	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The M.Sc. in Social Research is an innovative taught one year Master's programme. The programme is full time with teaching concentrated on two days a week. The M.Sc. combines advanced education in research methods by internationally recognised experts; modules on how research engages with policy and politics and on the latest research debates on key policy and societal issues, taught by a range of specialists drawing on their expertise and direct experience; and a research project, undertaken in collaboration with external agencies and/or groups.

Indicative Content: Social Science Analysis; Working With And Sourcing Data; Intimate Lives: Relationships, Citizenship & Embodiment; Nature And Society; Theorising Transitions; Digital Social Science Methods; Capstone And Career Scaffolding Module; Quantitative And Qualitative Methods; Understanding Digital Societies; Working Lives Transitions; Research Report.

Admission Requirements: Applicants must have a recognised primary degree which is considered equivalent to Irish university primary degree level. The entry requirement is an honours degree of at least a 2:2 in Social Science or a cognate discipline or international equivalent is required.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/msc-social-research

Application: Apply online via the programme webpage.

G16	MA in Sociology	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: Sociology is concerned with the study of the modern world, how it came into being, and the challenges and crises that it faces at local, national, and global levels. The MA in Sociology at UCC will provide you with an opportunity to study advanced Sociological Concepts and Methods and put your research interests into practice by enabling you to conduct your own sustained research project. The course is divided into two main components. The first component focuses on cutting-edge Sociology modules which are completed in Semesters 1 and 2. The second component of the course is a 20,000-word dissertation, or advanced research project, that students can undertake on a topic of their own choosing. One of the advantages of the MA in Sociology is that students have a wide degree of latitude to pursue their own research interests and goals in their dissertation.

Indicative Content: Core - Social and Sociological Theory; Sociological Methodology; Dissertation in Sociology. Options - Economy and Society Summer School; Economy and Society Summer School - 2; Sociology of Sustainable Development; Feminist Epistemologies: Feminisms, Sexuality and Society; Sociology of Science, Technology and Medicine; Im/mobilities: forced migration and belonging; Alcohol and Society: Use, Regulation and Harms.

Admission Requirements: Applicants must have obtained a minimum of a Second Class Honours Grade I in a primary honours degree (NFQ, Level 8) or equivalent, in sociology, law, politics, psychology, history, applied social studies, anthropology, geography, economics, the study of religions, media studies, communication, government, public policy, criminal justice, environment and planning, criminology, European studies, women studies, early childhood studies, cultural studies, political studies, international relations or another subject relevant to the study of Sociology. Applicants who hold a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) will also be considered under Recognition of Prior Learning (RPL) subject to a written expression of interest and/or interview acceptable to the department selection committee.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/cke55/

Application: Apply online via the programme webpage.

G17	MSc in Sociology and Data Analytics	UL

Study Location: University of Limerick (UL Castletroy campus)

Programme Duration: 12 months

Programme Outline: This MSc offers in depth knowledge of sociological analysis, research methods and social science analytics - including high level training in data, data science, and data mining, and a range of sequenced topics that include crime, law, and deviance, culture and media, health and well-being, political analysis and social movements, and stratification and social inequality. The combination of high level training in research methods and robust exposure to core topics in Sociology and the Social Sciences will set graduates up for a wide variety of careers in both the Public and Private sector.

Indicative Content: Core – Qualitative Research Methods 1; Quantitative Research Methods 1; MSc Dissertation Workshop Proposal; Quantitative Research Methods 2; Qualitative Research Methods 2; Dissertation. Options – Researching Social Exclusion; Life Chances: Stratification, Inequality, and Mobility in Contemporary Society; Sociology of Popular Culture 2; Introduction to Sociological Criminology; Contemporary Issues in Sociological Thought; Sociology of Families and the Life Course; Selected Issues in Gender, Culture and Society; Urban Sociology and Stratification of Place; Dissertation.

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 overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ul.ie/gps/courses/sociology-and-data-analytics-msc

Application: Apply online via the programme webpage.

G18	**MA in Sociology of Sustainability & Global Challenges**	**UCC**

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: This programme analyses the globalisation of poverty and inequality and explores alternative strategies of development. The MA Sociology of Development and Globalisation programme is divided into two parts and includes taught modules and a 20,000-word dissertation. This course gives you the opportunity to develop a range of analytical and critical-thinking skills as part of a lively academic community. Throughout the year, the Department hosts distinguished visiting speakers. You will also get the opportunity to participate in a wide range of stimulating scholarly events and conferences hosted by the Department, including the prestigious Theory and Philosophy Summer School held each year in May in UCC.

Indicative Content: Core - Sociological Methodology; Sociology of Sustainable Development; Social Theory and Climate Justice; Dissertation in Sociology. Options - Sociology of the Mass Media; Rethinking Borders: Sovereignty, Rights and Justice; Feminist Epistemologies: Feminisms, Sexuality and Society; Governmentality: Disciplines, Institutions and Critiques; Sociology of Science, Technology and Medicine; Im/Mobilities: Forced Migration and Belonging.

Admission Requirements: A minimum of a Second Class Honours Grade I in a primary honours degree (NFQ, Level 8) or equivalent honours degree in sociology, law, politics, psychology, history, applied social studies, anthropology, geography, economics, the study of religions, media studies, communication, government, public policy, development, environment and planning, criminology, European studies, women studies, early childhood studies, cultural studies, political studies, international relations or another subject relevant to the Sociology of Development and Globalisation. A relevant Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) will also be considered under Recognition of Prior Learning (RPL) subject to a written expression of interest and/or interview acceptable to the Department of Sociology selection committee.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/cke56/

Application: Apply online via the programme webpage.

G19	**MPhil in Speech and Language Processing**	**TCD**

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: Speech science is at the intersection of many disciplines: acoustics, linguistics, engineering, psychology, anatomy and physiology, and is key to the understanding of disordered speech. Language processing, in parallel, involves computational aspects of linguistics. It addresses theories of grammar and meaning, and provides access to the fundamentals of linguistics, both as a science and as an engineering discipline. The M.Phil. in Speech and Language Processing programme offers

an elite, tailor-made programme, flexible design shaped by your interests in Linguistics; small class size, taught by experts; and a wide choice of elective modules each year.

Indicative Content: Core - Speech Processing 1: spectral analysis; Formal foundations of linguistic theories; Laboratory Phonetics and Phonology; Datasets and Natural Language Processing; Dissertation. Options - Computer-Assisted Language Learning; Multilingualism; Psychology of Language Learning and Teaching; Speech and Language Technology for Education; Speech Processing 2: acoustic modelling; Speech Production, Hearing and Perception; Technology, Language, and Communication.

Admission Requirements: Applicants should have at least a 2.1 honors degree from an Irish university or an equivalent degree from another country (for example, a Bachelors degree with a GPA of at least 3.2). Previous knowledge of applied linguistics is not a requirement.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/speech-and-language-processing-mphil--pgraddip/

Application: Apply online via the programme webpage.

H

Women's Studies, Gender Studies and Equality Studies

| H01 | MA in Critical Geographies: Crises, Climate & Inequality | UCD |

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Critical geographies allow us to engage with power relations and inequalities that create contemporary societies, spaces, places, environments and lives. It develops a robust critical analysis of power relations and inequalities that define our contemporary and past worlds, in search of improved futures. UCD Geography has an impressive range of engaged international experts leading their fields in Radical scholarship, Anarchism, Geopolitics, Global South, Postcolonialism and Decoloniality, Feminism, Queer, Healthcare and Urban studies. Advised by these world leading scholars, who work with you to engage in ways that develop your analytical, intellectual and practical skills, and informed by cutting edge research, you develop both in-depth contemporary critical geographies. *Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.*

Indicative Content: Core - Research Design; Critical Geographies: Spatialising Power and Inequalities; Dissertation. Options - International Fieldwork; Global South Fieldwork: Vietnam; International Urban Fieldwork; Masculinities, Gender and Equality; Critical Geopolitics and Diplomacy; Development and the Global South; GIS Principles and Applications; Remote Sensing; Globalization, Empire and Race: Economic Geography; Natural hazards and risk; Governing Nature; Advanced GIS Applications; Geostatistics and Programming for GIS; Geopolitical Risks and Crises; Culture and Sexualities; Decoloniality and Intersectionality Thinking; Climate Change Law and Policy; Gender, Conflict-related Harm & Transitional Justice; Sustainable Cities.

Admission Requirements: A primary degree with at least GPA 3.08 (2H1) or international equivalent in Geography or a related discipline.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W589

Application: Apply online via the programme webpage.

| H02 | MSc in Equality Studies | UCD |

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in Equality Studies was designed for those who wish to develop an interdisciplinary understanding of global social justice issues and explore strategies for change. Drawing students from across the globe, the course emphasises the relationship between theory and practice with a view to bringing about positive social change. You learn about and develop your own ideas on a wide range of equality, human rights and global justice issues. You will benefit from the opportunity to specialize in areas of particular interest such as capitalism and social justice, gender justice and feminism, global inequalities, human rights law and practice, and minorities and discrimination. *Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.*

Indicative Content: Core - Sociology of Inequality; Egalitarian Theory; Feminist & Egalitarian Research; Masters Research Project. Options - Masculinities, Gender and Equality; Development and the Global South; Critical Geographies: Spatialising Power and Inequalities; Gender, Sexuality, and the Body; The Politics of Belonging; International Refugee Law; Advanced Disability Studies; Disability Policy Legislation; Organised Violence and Society; Ideas, Ideology in Public Policy; Equalities, Social Justice and Children's Learning; Human Rights Law and Equality; Critical Political Economy; Culture and Sexualities; Decoloniality and Intersectionality Thinking; International Migration Law; Gender, Conflict-related Harm & Transitional Justice; Topics in Continental Philosophy; Theories of Global Justice; International Political Economy; Theory of Human Rights; Nationalism and Social Change.

Admission Requirements: Normally students on this programme will have attained a higher second class honours in their primary degree (NFQ Level 8) or international equivalent, 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 overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W105

Application: Apply online via the programme webpage.

H03	MA in Gender Studies	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MA in Gender Studies delivers rigorous, interdisciplinary, 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. We celebrate the intersection between knowledge and activism and expose students to a breadth and depth of scholarship in relation to multiple oppressions, discriminations, politics and policies including gender, race and ethnicity, sexual orientation, disability, class and age, among others. *Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.*

Indicative Content: Core - Gender Studies: Critical Themes; Decoloniality and Intersectionality Thinking; Feminist & Egalitarian Research; Masters Research Project. Options - Masculinities, Gender and Equality; Development and the Global South; Gender, Sexuality, and the Body; The Politics of Belonging; Gender & the Political System; Organised Violence and Society; Queer Frictions: Gender and Sexuality in Contemporary Literature & Culture; Human Rights Law and Equality; Gender, Inequality and Public Policy; Culture and Sexualities; Gender, Conflict-related Harm & Transitional Justice; Gender, Peace, and Security.

Admission Requirements: Applicants are required to have a minimum of a 2.2 Honours or international equivalent in a honours level Bachelors degree (NFQ Level 8).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W383

Application: Apply online via the programme webpage.

H04 MA in Gender, Globalisation and Rights UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The Masters in Gender, Globalisation and Rights is the flagship teaching programme of the Centre for Global Women's Studies, University of Galway. The programme offers opportunity for in-depth study of global issues through a gender lens. Students acquire the knowledge and tools necessary to conduct gender analysis and to apply a gender perspective in relevant fields of employment, locally and internationally, as well as for advanced research. The MA also offers the possibility of completing a professional placement with agencies and organisations where knowledge of gender and global issues is required.

Indicative Content: Core - Research Methods & Methodology; Research Workshops I; Gender, Women and Human Rights; Feminist and Gender Theorising I: Key Concepts in Context; Gender Perspectives on Globalisation; Research Workshops II; Feminist and Gender Theorising II: Issues and Debates in Contemporary Feminism; Research Paper. Options - Women, Conflict and Human Security; Applied Gender Analyses; Gender, Sexuality and Global Health; Development and Human Rights; Professional Experience; ENGLIGHT Summer School: Equity and Sustainability Transitions; Social and Political Context of Activism and Advocacy.

Admission Requirements: A Level 8 degree with upper Second Class Honours (2.1), or better, in a primary degree in a relevant discipline or equivalent international qualification. Publications and/or professional experience may be considered if the formal requirements are not completely satisfied.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/gender-globalisation-rights.html

Application: Apply online via the programme webpage.

H05 MA in Gender, Politics and International Relations UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MA in Gender, Politics and International Relations is an intensive programme that prepares you for a career in research, policy, or advocacy in international organisations, governmental and nongovernmental 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. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.***

Indicative Content: Core - Gender & the Political System; Research Design; Gender, Peace, and Security; SPIRe Internship or Thesis. Options - One Planet, One Ocean (SDG 14); Gender and Development; Ecology & its Application (On-line); Masculinities, Gender and Equality; Gender, Sexuality, and the Body; The Politics of Belonging; Theories of International Relations; Introduction

to Statistics; Politics of European Governance; Politics of Human Rights; Politics and Change in the Middle East and North Africa; Peace & Conflict Studies; Politics of International Trade and Investment; Applied Data Wrangling and Visualisation; Feminist Theory; Connected_Politics 1; Gender, Inequality and Public Policy; Decoloniality and Intersectionality Thinking; Gender, Conflict-related Harm & Transitional Justice; Politics of Development; Theories of Global Justice; Comparative Public Policy; International Political Economy; Comparative European Politics; EU Foreign, Security, and Defence Pol.; Theory of Human Rights; Qualitative Research Methods for Political Science; Political Violence; Quantitative Text Analysis; International Security; Programming for Soc Scientists; IR Theory: Conflict and Identity; AI and Large Language Models.

Admission Requirements: A primary degree with at least Second Class Honours Grade 1 (2H1). 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 overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W458

Application: Apply online via the programme webpage.

H06	MA in Gender, Sexuality and Culture	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MA in Gender, Sexuality & Culture is a dynamic, interdisciplinary programme designed for students with a strong interest in examining gender and sexuality in culture. We provide our students with a rigorous training in the analysis of gender and sexuality in literature, film, television, media, performance, visual culture, digital culture and more. We enable our students to develop as theoretically sophisticated researchers, writers and critics equipped with cutting-edge critical skills and methods for understanding and analysing the formations of gender and sexuality in culture and society. Our programme values deeply informed, rigorous and innovative analysis, an openness to new perspectives, and self-reflective, socially and politically engaged critical practice. We foster and model these values in seminars and individual supervisions that prioritise challenging, high level discussion and debate within a mutually supportive and respectful environment.

Indicative Content: Core - Gender and Sexuality in Theory and Representation; Public Humanities and Ireland; Queer Frictions: Gender and Sexuality in Contemporary Literature & Culture; Dissertation (MA Gender). Options - World-Systems, World-Literature; Material Girls; Masculinities, Gender and Equality; Gender, Sexuality, and the Body; The Politics of Belonging; Digital Methods; Un/Settling Global Literatures; Stardom, Celebrity & Media Culture; Media, Gender, and Sexuality; Culture and Sexualities; Creative Approaches; Queering Global Challenges.

Admission Requirements: This programme is intended for applicants with a background in the humanities, or literature, film studies, cultural studies, visual culture, sociology, anthropology, psychology, psychoanalysis as well as women's studies, gender studies and sexuality studies. A keen interest in gender and sexuality and an ability to analyse textual representations are the key characteristics required. An upper second class honours degree (NFQ Level 8), or the international equivalent is normally required.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=Z162

Application: Apply online via the programme webpage.

H07　　MSocSc in Welfare & Justice　　　　　　　　　　　　UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: Throught this masters programme, students will develop an understanding of key issues in society, the relationship between theory and research, and a variety of research designs and processes: qualitative, quantitative and comparative designs. You will also acquire conceptual and practical skills necessary to evaluate policies, while learning how to assess different approaches to managing a team or organisation and finding solutions to simulated events. *Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.*

Indicative Content: Core - Adult Services and Health 1; Child and Family Social Work 1; Data & Methods for Policy Analysis; Gender, Inequality and Public Policy; Dissertation. Options - Sociology of Inequality; Masculinities, Gender and Equality; Comparing Healthcare Systems; Public Administration & Policy; Critical Political Economy; Housing and Social Cohesion; Evidence-Based Policy Making.

Admission Requirements: A minimum of a 2.2 Honours in primary degree in an appropriate field. These include Humanities, Social Sciences or Social Policy or Social Work.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W585

Application: Apply online via the programme webpage.

H08　　MA in Women's Studies　　　　　　　　　　　　　　　UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The Women's Studies MA involves a wide variety of possibilities for interdisciplinary study, and for contact with the community and other organisations dealing with women's and gender issues. We cover 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 in Part II of the course, the dissertation. You will participate in seminars, directed reading, research skills training, essay and report writing, maintaining the reflective journal, student presentations, and one or two field trips. You will also have the opportunity to attend some sessions with visiting speakers.

Indicative Content: Feminist Theory; Gender and Society I: Contexts; Gender and Society II: Interdisciplinary Perspectives; Research Skills Part I: Feminist Methodologies; Research Skills Part II: The Literature Review; Dissertation in Women's Studies.

Admission Requirements: To apply for this course, you will have a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) or the equivalent. If you have relevant experience in the areas of community work, industry, or professions, you can also apply.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

I

Information Systems, Communications Technology, Digital Media

I01   MSc in Applied Artificial Intelligence   SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

Programme Outline: This master's programme aims to provide students with a deep understanding of the important topics within Artificial Intelligence. Students will be equipped to apply them in real-life scenarios and to solve (sometimes difficult) business and/or societal problems. Students will learn to discern the possible utility of A.I. in the real world while understanding the practical considerations that arise, for example: algorithm efficiency, power source, speed, communication, movement, environmental conditions, safety, and ethics.

Indicative Content: Programming And Tools For A.I.; Practical Machine Learning; Deep Learning; A.I. Application Domains; Intelligent Cyber Physical Systems; A.I. At The Edge; Research Methods; Dissertation.

Admission Requirements: A second-class honours, Level 8, primary degree in Computer Science (or equivalent) with a programming/numerate content. In such cases the programme team must be satisfied that the programming/numerate content is sufficient for entry to the programme and that applicants have an aggregate grade of a second-class honours in appropriate modules. Applicants who do not meet the above standard entry requirements will also be considered if they have an undergraduate degree (at Level 7 or higher) and a minimum of 5 years verifiable relevant industrial experience.

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

Programme Webpage: https://www.setu.ie/courses/msc-in-applied-artificial-intelligence

Application: Apply online via the programme webpage.

I02   MSc in Artificial Intelligence   NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: This course aims to produce high-quality, technically competent, innovative graduates that will become leading practitioners in the field of artificial intelligence. The MSc in AI contains modules covering fundamental and specialised AI topics, as well as topics related to operationalisation and application of AI to solve real-world problems. All students will gain a deeper understanding of the complete development lifecycle of AI software applications, from requirements elicitation and analysis, implementation, decision making, evaluation, and documentation.

Indicative Content: Foundations of Artificial Intelligence; Programming for Artificial Intelligence; Data Analytics for Artificial Intelligence; Data Governance and Ethics; Engineering and Evaluating Artificial Intelligence Systems; Intelligent Agents and Process Automation; Artificial Intelligence Driven Decision Making; Machine Learning; Emergent Artificial Intelligence Technologies and Sustainability; Practicum or Internship.

Admission Requirements: A minimum of a level 8 primary degree in Computing or a cognate area with a 2.2 award or higher or equivalent on the National Qualifications Framework. Cognate area means a STEM (Science, Technology, Engineering, and Mathematics) degree that also taught programming/ application development related modules.

IELTS: Minimum overall score of 6.0 with no less than 5.5 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCAI

Application: Apply online via the programme webpage.

I03	MSc in Artificial Intelligence	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The Master of Science (MSc) in Artificial Intelligence (AI) is designed to meet the growing needs in AI throughout the workforce which will create added value and wealth to Irish businesses. Given society's increasing communications with global partners, AI is emerging as a highly employable discipline. Student can opt to take the theory and practical modules only and not complete the dissertation (i.e. Applied Research Methods & Applied Research Project). The MSc in Artificial Intelligence aims to develop learners within the Artificial Intelligence (AI) discipline involving skills in technology, programming, Data Science, and information processing to respond to the ever-growing demand across industries for AI specialists. The programme also recognises the interdisciplinary nature of AI, combined with analytics and large data volumes, creating an environment for AI to emerge as key technology for the future. AI is a set of technologies that use machine learning, speech analytics, natural language processing, machine vision and analytics to process the data to make informed decisions or recommendations.

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

Admission Requirements: A Level 8 primary cognate degree with a minimum second-class second-division (2.2) classification from a recognised third level institution. Cognate subjects include computer science, technology, networking, information systems, engineering, general science, mathematics, statistics, data analytics or related discipline. Applicants who do not have a Level 8 qualification in a cognate area and who have at least 3 years' work experience may also be considered through the college's normal RPL procedures. Relevant professional experience may be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc.)-in-artificial-intelligence

Application: Apply online via the programme webpage.

I04	MSc in Artificial Intelligence for Business	NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: The MSc in AI for Business contains modules that aim to provide learners with a high level of AI knowledge, understanding the impacts of human factors and engagement in AI, and understanding the operationalisation and application of AI. The programme also includes a final supervised research project, the theme of which requires the formulation of a business strategy that could be applied in industry. Through the supervised projects, the learners will be able to perform independent

research that puts them into a position to make informed and critical decisions regarding the use of AI technologies in a business context.

Indicative Content: Data Governance and Ethics; Foundations of Artificial Intelligence; Data Analytics for Business; Risk and Change Management; AI Technologies for Business; Intelligent Agents and Process Automation; Human Centred Artificial Intelligence; Customer Engagement and Artificial Intelligence; Emerging Artificial Intelligence Technologies and Sustainability; Practicum or Internship.

Admission Requirements: Applicants are required to hold a minimum of a Level 8 honours qualification (2.2 or higher) or equivalent on the National Qualifications Framework in either STEM (e.g., Information Management Systems, Information Technologies, Computer Science, Computer Engineer) or Business (e.g., Business Information Systems, Business Administration, Economics) discipline and a minimum of three years of relevant work experience in industry, ideally but not necessarily, in management. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCAIBUS

Application: Apply online via the programme webpage.

I05	MSc in Bioinformatics and Computational Biology	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: Bioinformatics is a fast-growing field at the intersection of biology, mathematics, and computer science. Bioinformatics seeks to create, advance, and apply computer/software-based solutions to solve formal and practical problems arising from the management and analysis of very large biological data sets. Such applications include genome sequence analysis, such as the human genome, the human microbiome, analysis of genetic variation within populations, and analysis of gene expression patterns. Major research efforts in the bioinformatics field include sequence alignment, gene finding, genome assembly, protein structure alignment, protein structure prediction, modelling of DNA and protein evolution, analysis of genetic variation in populations, and analysis of gene expression, protein-protein interaction and protein mass spectrometry data. Another emerging area within bioinformatics is systems biology, which examines how individual biological components (e.g. metabolic pathways, genes, proteins, organelles, cells, physiological systems, organisms) interact in a network to produce observable phenotypes of a whole organism or body system. As part of our MSc programme, students carry out a three-month research project in a research group in UCC or in an external university, research institute, or industry. The programming and data handling skills that you will develop, along with your exposure to an interdisciplinary research environment, will be very attractive to potential employers.

Indicative Content: Core - Datamining; Programming for Bioscientists II; Computational Systems Biology; Genomic Data Analysis; Computational Microbiome Analysis; Dissertation in Bioinformatics and Computational Biology. Options: Varies by programme stream.

Admission Requirements: Entrants to the programme must be holders of a minimum Second Class Honours Grade I in a primary honours degree (NFQ, Level 8), or equivalent qualification, in a discipline with a significant element of Mathematics, Statistics, Engineering, Computer Science or Biology. In addition, candidates with Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) may also be considered under Recognition of Prior Learning (RPL) for places.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckr33/

Application: Apply online via the programme webpage.

I06	MSc in Business Analytics	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Business Analytics provides students with the skills and knowledge to manage and develop business analytics within organisations. The programme is designed as a specialist course, which assists students in blending their existing talents with the technological skills and business knowledge needed to use and manage big data and business analytics in modern knowledge-based organisations. The programme is a taught Masters programme and consists of lectures, workshops, guest lectures from industry experts, and hands-on technology tutorials. Modules are assessed via continuous assessment, written assignments, applied projects and written examinations.

Indicative Content: Core - Decision Theory, AI and Analytics; Database Systems; Business Modelling and Analytics; Statistical Techniques for Business Analytics; Applied Analytics in Business and Society; Philosophy of Information and Information Ethics; Storytelling through Data Visualisation; Enterprise Systems; Data Science and Big Data Analytics; Advanced Programming for Business Analytics; Major Business Analytics Project. Options - Strategic Management; Systems Development & Project Management; Business Applications Programming.

Admission Requirements: Normally a H2.1 degree (NFQ Level 8 or equivalent). However, candidates with a H2.2 honours degree and who have a minimum of 2 years relevant work experience will also be considered. The qualification must include an element of quantitative techniques, for example, graduates of Business Studies, Engineering, Computer Science, other Sciences, Mathematics or other courses that have some quantitative content.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/business-analytics.html

Application: Apply online via the programme webpage.

I07	MSc in Business Analytics	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc Business Analytics programme provides students with a portfolio of business and analytical methods for solving problems and supporting decision making. At the core of this programme is a selection of topics covering: business forecasting, business intelligence, business analytics, data management and sustainability. A research project allows you to explore and develop an IT solution to a specific business problem in an area specific to the Business Information and Analytics area.

Indicative Content: Business Forecasting; Enterprise Business Processes and Applications; Design Thinking for Business Analytics; Business Data Analysis and Visualisation; Predictive Analytics; Prescriptive Analytics; Emerging Topics in Business Analytics; Python for Business Analytics; Business Analytics for Sustainability; Data Analytics for Business Enterprise; The Practical Application of Business Analytics; Applied Research in Business Analytics.

Admission Requirements: Applicants must have a Second Class Honours Grade 2 in a primary honours degree (NFQ, Level 8). The qualification must include one module in a quantitative area, for example, Finance, Mathematics, Statistics, Economics, Engineering, Computer Science, or other Sciences. Consideration under Recognition of Prior Learning (RPL) may also be given to applicants who do not meet the above entry requirements but who have 3 years of professional experience in industry.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckl51/

Application: Apply online via the programme webpage.

I08	MSc in Business Analytics	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MSc in Business Analytics is a 1 year full-time programme consisting of ten taught modules (three 10 ECTS modules, seven 5 ECTS modules) and a 25 ECTS elective to choose from; Dissertation or Applied Research Project. For full-time learners, semester one provides the learner with a critical understanding of the key concepts of business analytics and the national and international landscape. Semester two covers advanced modules in which the knowledge, understanding and skills acquired in the first semester can be employed.

Indicative Content: Core - Programming for Analytics; Requirements Analysis; Business Database Management; Business Strategy; Research Methods; Business Intelligence and Visualisation; Applied Statistics and Machine Learning; Project Management for Business Analytics; Financial and Business Analytics; Applied Research Methods. Options - Dissertation; Applied Research Project.

Admission Requirements: This programme is aimed at learners with a Level 8 honours bachelor's primary undergraduate degree in a cognate area (e.g. computer science, IT, science, mathematics, statistics, finance, economics, business (including quantitative methods), engineering, maths and management information systems), who wish to specialise in the field of business analytics with a view to entering industry, or those with a Level 8 honours bachelor's primary undergraduate degree in a non-cognate area plus three to five years' experience of business analytics and who require a qualification in this area in order to progress professionally. These will be assessed on a case-by-case basis. Learners will need to have achieved a minimum second class second division award (2.2 classification) in their honours Bachelor's Level 8 degree.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc)-in-business-analytics

Application: Apply online via the programme webpage.

I09   MBA in Cloud Computing   DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MBA (Cloud Computing), awarded by QQI, is specifically aimed at facilitating the graduate's understanding of how organisations may exploit the vast business opportunities that result from the transformative power that Cloud Computing offers both currently and in the future. There is an emphasis on structured approaches for delivering effective solutions in the Cloud that address value, efficiency, risks and costs associated with an increased reliance on Cloud Computing. The specialism also introduces learners to standard cloud practices and guides them through the planning, deployment and management of a cloud application. Graduates will be able to critically evaluate the role of cloud computing technologies in information and data management and the significance of deploying computer services to the cloud. They will also be able to demonstrate the development of critical skills in analysing and evaluating the use of cloud applications in business and develop strategic solution-based applications.

Indicative Content: Global Issues for Management; Strategic Marketing Analysis; Managerial Financial Analysis; Research Methods 1; Cloud Technologies for Business; Applied Strategic Management; Dynamic Leadership Development; Research Methods 2; Cloud Application Management; Dissertation.

Admission Requirements: A primary undergraduate honours bachelor degree with a minimum Second Class Second Division classification (2.2) from a recognised third level institution in any discipline from a recognised third level institution (or equivalent), or an equivalent professional qualification such as ACCA or CIMA.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/postgraduate-mba-in-cloud-computing

Application: Apply online via the programme webpage.

I10   MSc in Cloud Computing   NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: By combining technical skills with innovation principles, this programme effectively delivers core technology skills in cloud software development, fog/edge computing, DevOps, security, and data governance. Students will gain experience with the latest ethical design principles, models, and technologies via our state-of-the-art Cloud Competency Centre. The course is delivered by faculty and industry practitioners with proven expertise in cloud computing. This programme will appeal to computer science graduates, ICT industry practitioners, system administrators, and those with an interest in gaining practical experience in cloud computing.

Indicative Content: Cloud Architectures; Cloud Platform Programming; Cloud DevOpsSec; Scalable Cloud Programming; Research in Computing; Fog and Edge Computing; Blockchain Concepts; Cloud Machine Learning; Data Governance, Compliance and Ethics; Research Project.

Admission Requirements: An honours (level 8) primary degree in a computing discipline with a 2.2 award or higher.

IELTS: Minimum overall score of 6.0 with no less than 5.5 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCCLOUD

Application: Apply online via the programme webpage.

I11	MSc in Computer Science (Negotiated Learning)	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Computer Science (Negotiated Learning) is a uniquely flexible and innovative programme. It offers a negotiated learning model for students with an ICT background that allows you to customise your learning path and to tailor what you learn to your own specific needs and career aspirations. Module choices include several programming languages, cloud computing, bioinformatics, data mining, machine learning and information visualisation.

Indicative Content: Sample Options – Introduction to Cognitive Psychology; UXD: User-Centred Design; Human Language Technologies; Computer Systems; Wireless Systems; Digital & Embedded Systems; Enterprise, Innovation & Entrepreneurship; Informatics; The Digital Self; Digital Libraries; Computer Graphics; Introduction to Relational Databases and SQL Programming; Data Mining; Machine Learning w/ Python; Optimisation; Statistical Machine Learning; Big Data Programming; Introduction to Data Analytics; Networks and Internet Systems; Cloud Computing; Partial Differential Equations; Multivariate Analysis; Java Programming; Exploring Ruby; Game Development; Leading Teams in the Scientific Enterprise; Business Planning for the Scientific Enterprise; Technical Communication; Comparative Software Engineering Process Frameworks; Agent-Oriented Software.

Admission Requirements: This programme is intended for applicants with a Computer Science or ICT background. An upper second class honours degree, or the international equivalent in computer science or a related area or a minimum of three years' relevant industrial work experience is required.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T150

Application: Apply online via the programme webpage.

I12	MSc in Computing (Information Systems Processes)	SETU

Study Location: South East Technological University (SETU Waterford Cork Road campus)

Programme Duration: 12 months

Programme Outline: The MSc in Computing (Information Systems Processes) programme is designed to enhance the participants' ability to contribute to the digital transformation of organisations across a range of industries. A combination of technological, management, and organisational perspectives equip graduates with a range of transferable skills. Digital systems are transforming every process, from manufacturing to financial services, from customer support to supplier relationships, from government departments to the United Nations. These transformations involve a complex interweaving of human and machine.

This programme carefully balances technological, management and organisational perspectives to provide graduates with the insight, tools and skills they need to manage the complex realities of digital transformation.

Indicative Content: Core – Business Process Analysis & Design; Ethics and e-Privacy; Research Methods; Human Centred Systems; Research Project and Dissertation. Optional – Information Systems Project Management; Socio-Technical Entrepreneurship; Agile Software Development; Supply Chain Integration Technologies; Design Patterns; User Experience and Design

Admission Requirements: Applicants for the MSc in Computing (Information Systems Processes) should hold a minimum of an NFQ Level 8 Honours (2.2) degree in one of the following areas; Computing, Information Technology, Science, Engineering or Business. Applicants who do not hold the standard qualifying criteria, but have relevant industry experience, may be considered for admission to the programme under the Institute's Recognition of Prior Learning (RPL) process and subject to an interview.

IELTS: Minimum overall score of 6.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.wit.ie/courses/msc_in_computing_information_systems_processes_full_time

Application: Apply online via the programme webpage.

I13	MA in Creative Practice	ATU

Study Location: Atlantic Technological University (ATU Galway Wellpark Road campus)

Programme Duration: 12 months

Programme Outline: The MA in Creative Practice offer artists, designers and filmmakers a creative and critically informed environment in which to develop and consolidate their practice. 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: Research and Innovation; Themes and Issues; Professional Development; Creative Practice Projects; Research Project and 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 5.5.

Programme Webpage: https://www.atu.ie/courses/master-of-arts-in-creative-practice

Application: Apply online via the programme webpage.

I14	MSc in Cybersecurity	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: This programme aims at developing learners within the Cybersecurity discipline and involves theoretical knowledge and advanced skills in technology, communication information management, and processes to enable assured operations in the context of threat identification and mitigation. Learners develop advanced practical skills in essential areas such as programming, advanced databases, networks and systems administration, while also offering theoretical knowledge of cryptography and digital forensics.

Indicative Content: Advanced Programming Techniques; Advanced Databases; Network & Systems Administration; Cryptography & Digital Forensics; Communication & Network Security; Cybersecurity for Software Development; Penetration Testing & Business Continuity Management; Organisational and Societal Cybersecurity; Applied Research Methods; Applied Research Project.

Admission Requirements: A Level 8 primary cognate degree with a minimum second-class second-division (2.2) classification from a recognised third level institution. Cognate subjects include computer science, technology, networking, information systems, engineering, general science, mathematics, statistics, data analytics or related discipline. Graduates of any non-cognate discipline and hold a qualification in a conversion-style programme. Applicants who do not have a Level 8 qualification in a cognate area and who have at least 3 years' work experience may also be considered through the college's normal RPL procedures. Relevant professional experience may be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc.)-in-cybersecurity

Application: Apply online via the programme webpage.

I15	MSc in Cybersecurity	NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: The aim of this programme is to provide learners with essential expert technical knowledge, competence and research skills of the most important technical concepts of cybersecurity and how they are applied in emerging areas such as device security and forensics. The course is technical and practical in nature, uniquely embedded in industry, and develops in-depth expertise of core technical topics within the area of cybersecurity such as information security, secure programming, network security, penetration testing, malware analysis, IT law and ethics, and technologies and tools that support application and service vulnerability detection, incident detection, data and log retrieval and analysis. The course also provides a sharper focus into forensics and cloud security through the two specialisations that are offered to the learners. Students are required to bring their own laptop/notebook to successfully participate in this programme. Please check the programme webpage for required laptop specs.

Indicative Content: Core - Network Security and Penetration Testing; Security Fundamentals; Data Governance, Ethics and Sustainability; Cloud Architectures and Security; Cryptography and Blockchain; AI/ML in Cybersecurity; Business Resilience and Incident Management; Practicum OR Internship. Options - Secure Web Development; Forensics and eDiscovery; Secure Application Development; Malware Analysis.

Admission Requirements: An honours (level 8) primary degree in computing or a cognate area with a 2.2 award or higher. Cognate area means a STEM (Science, Technology, Engineering, and Mathematics) degree that also has taught programming/application development related modules. The college operates a Recognition of Prior Experiential Learning

(RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.0 with no less than 5.5 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCCYB

Application: Apply online via the programme webpage.

I16	MSc in Cybersecurity Risk Management	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Cybersecurity Risk Management focuses on the strategic management of cybersecurity and associated risk within an organisation. Its aim is to develop strategic thinkers who can understand the threat, identify risks, design solutions, and can effectively communicate these to senior decision makers in order to support business continuity. This MSc has been designed for those seeking a career in cybersecurity in a consultancy, strategic, business or risk management context. You will develop a clear understanding of the cyber threat landscape and how a cyber-incident may evolve.

Indicative Content: Core - Cybersecurity Risk Management; Information Systems Management; Business Modelling & Analytics; Cybersecurity Risk Management 2; Cloud Computing; Philosophy of Information & Information Ethics; Applied Analytics in Business & Society; Major Cybersecurity Project. Options - Business Applications Programming; Database Systems; Information Technology Law; Strategic Management; Systems Development & Project Management; Advanced Programming for Business Analytics; Business Data Communications; Storytelling Through Data Visualisation.

Admission Requirements: Normally a H2.1 degree (NFQ Level 8 or equivalent). However, candidates with a H2.2 honours degree and who have a minimum of 2 years relevant work experience will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/3T4VEZj

Application: Apply online via the programme webpage.

I17	MSc in Cybersecurity, Privacy and Trust	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

Programme Outline: This programme will develop graduates that are skilled in the latest cybersecurity techniques and technologies. Graduates will be able to propose solutions to solve some of the most pressing issues in cybersecurity that enhance both privacy and trust in ICT systems. The programme will introduce students to innovative ways in which privacy and trust can be established via the Cryptography and Blockchains and Distributed Ledgers modules. Students will develop applications that will provide solutions to create a more trustworthy cyberspace.

Indicative Content: Security Management and Compliance; Network and Cloud Security; Modern Cryptography; Research Methods; Advanced Incident Response; Penetration Testing; Blockchains and Distributed Ledgers; Dissertation.

Admission Requirements: A second-class honours level 8 primary degree (or equivalent)in Computer Science or cognate discipline with significant numerate, technical and analytical content; Applicants who do not meet the above standard entry requirements will also be considered if they have an undergraduate degree (at Level 7 or higher) and a minimum of 3 years verifiable relevant industrial experience.

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

Programme Webpage: https://www.setu.ie/courses/msc-in-cybersecurity-privacy-and-trust

Application: Apply online via the programme webpage.

I18	MSc in Data Analytics	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: Data Analytics is an identifiable discipline with a breadth and depth of content that encompasses many of the subfields (e.g. software development, machine learning, data visualisation that form the modern AI ecosystem). The programme aims to respond to the ever-growing demand across industries for data analytics specialists involving skills in technology, programming for data analytics, data analysis with related context, graph technology considered to be effective means to empower the development of sophisticated AI applications. Additionally, the programme learning outcomes focus on the learner's ability to meet requirements and deliver against business intelligence goals of organisations they will work in and allow for all of these outcomes to be demonstrated from an academic perspective but also to have a portfolio piece of work that can be shared with current or prospective employers. The programme is designed to facilitate learners with computer science/data science/ technology/general science/ mathematics/statistics or related background who wish to upskill in this new and emerging area of Data Analytics. It will also be of interest to learners who have completed their undergraduate degree and wish to specialise in this area.

Indicative Content: Programming for Data Analysis; Statistics for Data Analytics; Machine Learning & Pattern Recognition; Advanced Data and Network Mining; Data Storage Solutions for Data Analytics; Data Visualisation; Applied Research Methods; Applied Research Project.

Admission Requirements: A Level 8 honours bachelor's degree with a minimum second-class second-division (2.2) award or above in a cognate area. Cognate subjects include computer science, data science, technology, networking, information systems, engineering, general science, mathematics, statistics, data analytics or related discipline. A Level 8 Higher Diploma with a minimum 2.2 or above in a cognate area. Cognate subjects include computer science, data science, technology, networking, information systems, engineering, general science, mathematics, statistics, data analytics or related discipline. A Level 8 honours bachelor's degree with a minimum 2.2 or above in a non-cognate area plus 3-5 years' professional experience in a related field. Learners can also access this programme through RPL. Such applicants will be assessed on a case-by-case basis. Due to the mathematical nature of the content, candidates will be required to show sufficient competency in mathematics, based on prior learning or professional experience.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc)-in-data-analytics

Application: Apply online via the programme webpage.

I19	MSc in Data Analytics	NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme 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. This approach will naturally foster a deeper knowledge of the subject area and create transferable skills for work such as critical thinking, problem-solving, creative thinking, communication, teamwork and research skills. The course is completely delivered by faculty and industry practitioners with proven expertise in data analytics. Students are required to bring their own laptop/notebook to successfully participate in this programme. Please check the programme webpage for required laptop specs.

Indicative Content: Core - Statistics and Optimisation; Data Mining and Machine Learning; Analytics Programming and Data Visualisation; Data Governance, Ethics and Sustainability; Deep Learning and Generative AI; Research Elective; Research Practicum OR Internship. Options - Data Intensive Scalable Systems; Modelling and Simulation; Domain Applications

Admission Requirements: A minimum of a level 8 honours qualification (2.2 or higher) or equivalent on the National Qualifications Framework in a cognate discipline. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCDAD

Application: Apply online via the programme webpage.

I20	MSc in Data Science	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

Programme Outline: The programme is designed to meet current industry needs and provides students with a thorough theoretical and practical grounding in the analysis and utilisation of large data sets, together with experience in conducting data science development projects, thereby preparing graduates for positions of responsibility in the Big Data and IT industries. This innovative programme will build on participants' professional and personal skills in areas such as presentation, communication and soft skills as well as data science development, integration and critical thinking around the design, implementation and deployment of data science solutions and systems in industry.

Indicative Content: Programming for Data Scientists; Data and Data Storage Technology; Statistics for Data Science; Research Methods; Infrastructure for Big Data; Data Analytics and Algorithms; Data Visualisation and Insight; Project/Dissertation.

Admission Requirements: Applicants must have obtained a second class honours level 8 primary degree (or equivalent) in computer science or mathematical sciences or hold a degree with a strong numerate content (e.g. engineering, finance, physics, biosciences or economics). Applicants who do not meet the above standard entry requirements will also be considered if they have an undergraduate degree and a minimum of 5 years verifiable relevant industrial experience.

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

Programme Webpage: https://www.setu.ie/courses/msc-in-data-science

Application: Apply online via the programme webpage.

I21	MSc in Design and Development of Digital Business	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc Design & Development of Digital Business is a 12-month (full-time) taught master's degree course. This intensive and innovative course is aimed at creatively minded honours graduates from non-technical backgrounds. The program provides students with the design skills and technical knowledge to explore interesting, real-world problems and create innovative digital products and services. The course aims to provide students with a world-class student experience and excellent employment opportunities. The course places an emphasis on applying an agile, design thinking approach to problem solving.

Indicative Content: Sustainable Digital Business Models; Business Models for Disruptive Technology; Systems Analysis; Internationalisation and Digital Business Strategy; Web Development for Global Markets; Web Development for Digital Business; Interaction Design for a Global Audience; Foundations of Object-Oriented Programming; Introduction to Mobile Application Development; Database Analysis and Design; Databases for Management Information Systems; Service Design Thinking; Digital Design and Development Project.

Admission Requirements: To apply for this course, you will have at least a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) in any discipline except those with high levels of software development content (e.g. computer science, business information systems, etc.) or expect to graduate in the year of entry with at least a Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) in any discipline except those with high levels of software development content. Consideration under Recognition of Prior Learning (RPL) will be given to applicants who do not meet the minimum criteria but who have relevant professional experience, subject to approval by the School of Business.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckl17/

Application: Apply online via the programme webpage.

I22	MA in Digital Communications, Podcasting & Video	GC

Study Location: Griffith College (GC Dublin main campus)

Programme Duration: 12 months

Programme Outline: This programme is designed for candidates seeking the industry-standard skills required to conceive, produce, upload and manage the production of podcasting, audio and video content; while also acquiring a range of transferable, multiplatform digital communications media production skills in enhanced digital writing and content creation for social/digital channels. Programme graduates come to employment selection processes equipped with a portfolio demonstrating the quality of their audio and video media product, evidence of their relevant experience in audio and video recording studios, as well as transferable postgraduate research and writing skills for application across the digital communications sector.

Indicative Content: Core - Communications and Audience Theories; Mobile Video Production; Multiplatform Writing & Editing; Podcasting & Radio Production; Radio Documentary & Advanced Podcasting Techniques; Radio Studio Production; Research: Methods & Skills; Social/Digital Content Creation; TV Studio Production; Video Storytelling; Dissertation. Options - International Political Economy; Media Product Design & Professional Development; Photojournalism; Sports Journalism; The Business of Media; Virtual Studio: Mastering & Delivery.

Admission Requirements: Applicants for this course should have a 2.2 degree in any discipline.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://bit.ly/43EJv2c

Application: Apply online via the programme webpage.

I23	MPhil in Digital Humanities and Culture	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: Trinity's M.Phil. in Digital Humanities and Culture prepares its students to take on these questions in a wide variety of contexts, whether they want to deepen their understanding of a humanities subject through data mining and visualisation; explore the virtual transmission of culture and heritage by and beyond museums, libraries and archives; or join the movement to make technology development more humane.

Indicative Content: Core - Theory and Practice of Digital Humanities; Cultural-Technical Systems; Building Digital Humanities Projects; Digital Humanities Internships and Project Management; Dissertation. Options - Making Digital Editions; Programming for the Humanities; Interlingual Technologies; From Parchment to Pixel: Historical Maps to GIS; Saving the Past; Writing for Computer Games; European Cinema and Identity; Digital Tools and Technologies; Monsters and Otherness Studies.

Admission Requirements: Applicants should have an Honours degree (at least an upper second, GPA of at least 3.3) in any of the disciplines of the humanities, library, or computer science

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/digital-humanities-and-culture-mphil/

Application: Apply online via the programme webpage.

I24	MSc in Digital Marketing and Analytics	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The Master of Science in Digital Marketing and Analytics programme has been designed with the specific intention of responding to the evolution of an increasingly digital and technology-enabled business environment. Graduates of the Master of Science in Digital Marketing and Analytics will understand the core principles of digital marketing and analytics, be equipped to utilise data and visualisation tools, apply the appropriate marketing models, and inform business decision-making in an ethical context. Moreover, they will develop advanced critical thinking, writing and research skills through the completion of the Research Methods modules along with the completion of a Capstone module (choice of Dissertation or Applied Research Project or Placement). The Master of Science in Digital Marketing and Analytics is an innovative programme with an integrated delivery from end-to-end covering a wide range of digital marketing topics. The programme aims to develop learners' knowledge of the theory and practice of digital marketing and analytics necessary for them to perform at the postgraduate level and secure employment in the areas of digital marketing in a broad range of commercial, industrial and public sector environments. Successful graduates will possess an in-depth knowledge of the theoretical and practical aspects of digital marketing and analytics.

Indicative Content: Core - Web Marketing Management and Metrics; Digital Design & Development; Strategic Thinking in the Digital Age; Research Methods 1; Data and Digital Marketing Analytics; Digital Advertising and Online Marketing Communications; Business Intelligence and Visualisation; Research Methods 2. Options - Applied Research Project; Dissertation; Placement.

Admission Requirements: A minimum Second Class Level 8 Honours Degree (2.2) in a cognate discipline from a recognised third level institution or an equivalent professional qualification such as MMII.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc)-digital-marketing

Application: Apply online via the programme webpage.

I25	MSc in Digital Marketing and Analytics	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

Programme Outline: The digital era has dramatically changed the marketing landscape and the way that businesses identify, communicate and engage with consumers. Marketing professionals must navigate and embrace this new and dynamic landscape. The MSc in Digital Marketing and Analytics at South East Technological University is aimed at graduates and professionals seeking to explore the strategic implications of the digital era and to develop their career path in digital marketing. This innovative and exciting course will provide potential learners with an opportunity to study for a MSc in Digital Marketing and Analytics corresponding to a Level 9 qualification (90 credits). The MSc combines academic study and industry exposure to deliver a course that has a strong focus on current and emerging research and practice.

Indicative Content: Core - Data Analytics and Consumer Insights; Search Marketing and Digital Analytics; Strategic Marketing Management; Digital Marketing Landscape and Strategy; Digital Marketing Technologies; Digital Marketing Communications;

Strategic Brand Management; Digital Marketing Research Project. Options - E-commerce; Law and the Digital Environment; Strategic Design; Strategic CRM.

Admission Requirements: Although applications are welcome from a broad range of disciplines, ideal candidates will come from a marketing background and/or demonstrate an interest in and aptitude for digital marketing. Candidates should hold a recognised third level Honours Degree (Level 8 - minimum 2nd class Honours) in: Marketing or a business discipline; Computer Science or Cognate programmes.

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

Programme Webpage: https://www.setu.ie/courses/msc-digital-marketing-and-analytics

Application: Apply online via the programme webpage.

I26	MSc in Digital Marketing Strategy	MTU

Study Location: Munster Technological University (MTU Cork, Bishopstown campus)

Programme Duration: 12 months

Programme Outline: The programme is aimed at those working in traditional and digital marketing or those aspiring towards a senior position that requires a solid foundation in multiple aspects of Digital Marketing. Progress through the programme is designed to carefully develop essential skills to the point of expertise in the context of an overall strategic perspective. MTU's panel of lecturers have substantial commercial experience and is drawn from a range of local, national and international companies that lead the way in digital marketing. This innovative Masters programme will deliver students who are at the forefront of knowledge pertaining to digital marketing strategy and digital leadership.

Indicative Content: Core - DMS Research Methods; Digital Marketing Environment; Integrated Marketing Strategy; Professional Dev for Marketing; Social Media Advertising; Strategy for Digital Marketing; Digital Advertising & Analytics; SEO & Analytics; Website Optimisation & Analytics; Capstone Project Digital Mkt. Options - Digital Brand Development; Ecommerce & Goal-Driven Sites; Lead Generation & Sales; The Digital Consumer.

Admission Requirements: Candidates ideally should have attained at least a H2.2 degree in a cognate area (an area related to business, media or visual communications). Degree-holders from non-cognate areas will be considered, provided that these candidates can demonstrate significant relevant professional experience.

IELTS: Minimum 6.6 overall score required with no section lower than 6.0.

Programme Webpage: https://www.mtu.ie/courses/crbdims9/

Application: Apply online via the programme webpage.

I27	MSc in Digital Media and Marketing	ATU

Study Location: Atlantic Technological University (ATU Mayo campus)

Programme Duration: 12 months

Programme Outline: Classical marketing theory and professional practice are challenged continuously by revolutionary digital and marketing technologies in contemporary organisational environments. The aim of this structured Master of Science in Digital Media and Marketing is to develop participants' expertise and scholarship within the rapidly evolving professional discipline of strategic digital media and marketing. The applied curriculum in this Masters programme, integrates at its core, the technological instruments which have changed the professional practice of the marketing discipline fundamentally. Lecturer-student engagement on this programme will lead to the development of an interactive community of learners and researchers, with contributions to content, generated not only by the lecturing team, but by students.

Indicative Content: Core - Search Engine Analytics; Research Methods and Critical Analysis; Visualisation for Strategic Decision Making; Digital Content and Marketing Technology; Marketing Strategy Theory and Application. Options - Digital Transformation; Omnichannel Content Creation and Communication; Dissertation; Digital Media and Marketing Project.

Admission Requirements: Candidates must hold a level 8 Bachelor (Honours) degree with a minimum grade classification of H2.2 or equivalent in Marketing, IT/Computing, Business or cognate area. Candidates who do not meet this entry criterion will be considered for entry to the programme under a formalised process of recognition of prior learning (RPL).

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

Programme Webpage: https://www.atu.ie/courses/master-of-science-digital-media-and-marketing-full-time

Application: Apply online via the programme webpage.

I28	MEngSc in Electronic & Computer Engineering	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MEngSc in Electronic & Computer Engineering is a year-long programme designed to meet the demands of modern high technology industries and to provide training for engineers who wish to work at a high level in the electronic and computer sectors worldwide. You will develop an advanced understanding of the theory and technology of modern electronic and computer systems and their business environment. You will build your knowledge through taught modules and project work and you will learn about design, innovation and problem solving at a level significantly beyond that of your primary degree.

Indicative Content: Core - MEngSc Project. Options - Numerical Algorithms; Networks and Internet Systems; Information Security; Software Engineering; Signals and Systems; Digital System Design; Control Theory; Wireless Systems; Digital Communications; Advanced Signal Processing; Entrepreneurship in Engineering; Power Electronics Technology; Analogue Integrated Circuits; Optimisation Techniques for Engineers; Intro. to Quantum Computing; Machine Learning for Engineers; Data Science in Python; Advances in Wireless Networking; Deep Learning; Information Visualisation; Electromagnetic Waves; Signal Processing: Theory and Applications; Communication Theory; Neural Engineering; Digital & Embedded Systems; Mixed-Signal Integrated Circuits; Quantum Computing; Professional Engineering (Finance); Professional Engineering (Management).

Admission Requirements: An honours undergraduate degree (NFQ Level 8) with a minimum upper second class honours or international equivalent in an Electrical, Electronic or Computer Engineering programme is required. Applicants should have studied: Mathematics, Signal Systems and Electromagnetics.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=T257

Application: Apply online via the programme webpage.

I29	MSc in Electronic Information Engineering	TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: We are in the next Industrial revolution and the challenge faced by graduates is to succeed in an age of automation. There is no aspect of modern life that is now not altered by information processing engines. Examples include teaching (online learning and assessment), automotive (driverless cars and electronic control systems), the economy (high speed automated trading), entertainment and shopping (virtual assistants and recommendation engines), health (automated diagnostics and non-invasive body scanning) and the digital humanities. The principles enabling the design of this new wave of products are embodied in the discipline of Information Engineering.This 1-year full-time postgraduate course is designed to provide graduate engineers with skills to design 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.

Indicative Content: Core - Research Methods; Computational Methods; Introduction to Deep Learning; Research Project/Dissertation. Options - Digital Signal Processing; Statistical Signal Processing; Speech and Audio Processing; Spatial Audio; Self Organising Systems; Next Generation Networks; Optimisation and Control; Motion Picture Engineering; Image and Video Processing; Algorithms for Quantum Computing; Cyber-Physical Systems and Control; Simulation for Geophysical Modelling; Computation for Transportation Engineering; Microelectronics; Integrated Systems Design.

Admission Requirements: Admission is normally restricted to graduates who have achieved an upper second class honours degree (2.1), or better, in engineering, science, computing, statistics, mathematics or a related discipline.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

I30	MSc in Financial Technology (FinTech)	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The Master of Science in Financial Technology was developed as an innovative programme intended to develop learners' skills in the area of Financial Technology. The taught component of this programme comprises core modules in Quantitative Financial Modelling, FinTech Regulation, Information and Cybersecurity Management, Distributed Ledger and Asset Tokenisation, Data Analytics and Machine Learning, Applied Financial Analysis and Research Methods one and two. To graduate with an MSc in Financial Technology the learner must complete 9 required modules (varying between 4 and 10 ECTS) and choose one of the capstone options, namely the Applied Research Project, the Dissertation or the Placement, each of which is 30 ECTS.

Indicative Content: FinTech: Markets and Services; Quantitative Financial Modelling; Information and Cybersecurity Management; Blockchain and Distributed Ledger Technologies; Research Methods I; FinTech Regulation; Data Analytics and Machine Learning; Applied Financial Analysis; Innovation and Entrepreneurship in FinTech; Research Methods II; Applied Project.

Admission Requirements: The minimum entry requirements for the MSc in FinTech are: A Level 8 Honours degree with a 2.2 or above in a cognate (science, technology, computing, business, finance or related) discipline, OR a Level 8 Honours degree with a 2.2 or above in a non-cognate discipline with at least 2-3 years' professional industry experience.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc)-in-financial-technology

Application: Apply online via the programme webpage.

I31	MSc in FinTech	NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: MSc in Fintech programme was designed to endow learners with the essential skills in Financial Technologies covering a variety of topics from both business and technical domains. Learners will be familiarised with (i) the technical landscape of fintech domains, such as, classical, advanced, and state-of-the-art financial techniques and analytics methods including their theoretical foundations and mathematical underpinnings, and (ii) the deep understanding of impacts, design, application, and operationalisation of fintech solutions in business contexts.

Indicative Content: Core - Blockchain Technologies; Financial Markets; Data Governance, Ethics and Sustainability; AI for Finance; Financial Regulations; Payments and Transaction Services; Practicum OR Internship; Research Elective. Options - Programming for Financial Data Science; Leadership, Organisational Culture, and Human Factors in Fintech; Machine Learning for Finance; Entrepreneurship and Innovation in Fintech.

Admission Requirements: A level 8 degree (2.2 award) or its equivalent in one or more of the following domains: computer 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 are subject to review.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCFTD

Application: Apply online via the programme webpage.

I32	MA in Global Media and Communication	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: This programme aims to prepare you to work as a professional in the international media and communications industries with a specialism in a chosen area. The programme will give you a critical understanding of the

21St Century complex global media ecosystem, and will prepare you to work as a communications professional with high-end production skills to work across multiple platforms. You will have an opportunity to further specialise and develop a niche in a subject area of particular interest via a choice of elective programme streams. Students from all streams will also complete a final project and may undertake an optional internship during the third semester.

Indicative Content: Core - Social Media and Digital Production; Global Media and Society; Dissertation or Final Project. Options - Strategic Communication; Data Analysis and Visualisation; Social Media and Digital Marketing; Communicating Climate Action and Science; Digital Sandbox; Reporting Economics and Politics.

Admission Requirements: To be accepted on this course, you must have obtained a minimum II.1 (Second Class Honours degree, first division) in an undergraduate degree of any kind. Applications welcome from all academic backgrounds, particularly arts and humanities, science and business graduates.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://bit.ly/4ko8Q7H

Application: Apply online via the programme webpage.

I33	MSc in Health Data Science	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: Health Data Science is a rapidly growing discipline, where skilled people are in extremely high demand from industry due to data-led innovations across the sector. Health related data are generated from many sources including observational studies, clinical trials, computational biology, medical records, individual monitoring devices, health care claims, genetic and genomic epidemiology, environmental health, sports science and climate change. The aim of the programme is to train a new generation of world-leading health data scientists with the essential statistical and computing skills needed to become data science specialists in the health care, biopharmaceutical and medical technology sectors.

Indicative Content: Core - Statistical Computing for Biomedical Data; Clinical Research Design; Statistics for Health Data Science; Statistical Modelling for Health Data Science; Predictive Modelling and Statistical Learning; Causal Inference; Health Data Science Research Project. Options - Applied Statistics I; Applied Regression Models; Statistical Modelling; Introduction to Bayesian Modelling; Mathematical Molecular Biology I; Discrete Mathematics; Linear Algebra I; Numerical Analysis I; Geometric Foundations of Data Analysis I; Introduction to the Ethical and Regulatory Frameworks of Clinical Research; Economics of Health and Health Care; Economic Evaluation in Health Care; Database Systems I; Machine Learning; Principles of Machine Learning; Applied Statistics II; Mathematical Molecular Biology II; Introduction to Bioinformatics (Honours); Probabilistic Models for Molecular Biology; The Meaning of Life: Bioinformatics; Linear Algebra; Numerical Analysis II; Geometric Foundations of Data Analysis II; Networks; Systematic Review Methods; Health Economic Analysis of Medical Devices; Data Visualisation; Modern Statistical Methods.

Admission Requirements: The minimum entry requirement is an upper second class (or equivalent) class honours degree from a recognised University, in a relevant subject (e.g. statistics, health, biological/biomedical sciences, engineering, computer science, psychology) or evidence of achievement at postgraduate level.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/447WQyJ

Application: Apply online via the programme webpage.

I34	MSc in Human Computer Interaction	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in Human Computer Interaction combines core elements and skills to prepare you to work within user experience and human computer interaction. The programme is unique in Ireland, harnessing the world-class expertise in the School of Information & Communication Studies to explore the discipline of human-computer interaction (HCI), from a social science perspective. Technology is ubiquitous in our everyday life. We have countless interactions whether it be through mobile apps, smart devices, or more traditional desktop systems. It is vital now more than ever that these interfaces are designed with a deep understanding of the user, their desires and needs as well as how these interfaces will impact society more widely.

Indicative Content: Core - Quantitative Data Analysis; Research Theory and Practice; UXD: User-Centered Design; Research Methods; AI & Ethics; Topics in HCI; HCI Thesis or HCI Design Project. Options - Introduction to Cognitive Science; Data & Society; Communication Theory; Creative & Interactive Media; Media Production Cultures; Information Ethics; Platform Governance; Regulation and Emerging Technology; Psychological Perspectives in HCI; Social Networks Online and Off; Language Models and Methods.

Admission Requirements: An upper second-class honours NFQ Level 8 (or international equivalent) is required.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=W521&KEYWORD=w521

Application: Apply online via the programme webpage.

I35	MSc in Industrial Networks and Cybersecurity	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

Programme Outline: This Master of Science in Industrial Networks & Cybersecurity is designed to meet the needs of companies in traditional manufacturing, smart manufacturing companies and those engaged in Industry 4.0. The aim of the programme is to widen and enhance the existing skills of learners who typically have existing Operations Technology (OT) skills, and supplement these with a strong, skills-based, knowledge of industrial networking and Cybersecurity. The programme will also develop theoretical and applied skills to allow graduates to work in operations, often with a close relationship to the IT manager and Chief Information Security Officer (CISO), with a specific focus on the Industrial Networks and the Cybersecurity aspects of it.

Indicative Content: Industrial Control Systems; Advanced Industrial Automation; Programming I & II; Industrial Networks I & II; Cybersecurity I; Cybersecurity For Industrial Networks; Research Methods For Engineering; Work-Based Project; Professional Development; Dissertation (Engineering).

Admission Requirements: Graduates with a minimum for 2.2 honours in a Level 8 degree such as Electronics / Electrical / Mechatronics / Computer Engineering or equivalent programme; or Graduates with a Level 7 Distinction award in Electronics / Electrical / Mechatronics / Computer Engineering or equivalent programme with a minimum 2 years relevant post qualification experience; or EU and International graduates whose qualifications which are in line with the Bologna agreement or the international NARIC system for Level 8 comparison.

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

Programme Webpage: https://www.setu.ie/courses/msc-in-industrial-networks-and-cybersecurity-2

Application: Apply online via the programme webpage.

I36	MSc in Information & Library Management	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MSc in Information and Library Management programme aims to provide learners with the theoretical knowledge and practical skills to work in positions within the information and library management sector at a professional level. It covers a wide range of information and library topics, whilst providing the ability to respond to the changing information and library needs of clients. The programme focuses on theoretical and contextual knowledge in core areas such as information retrieval, organisation and dissemination, while also offering applied practical skills in contemporary topics such as open librarianship, information technologies, information law and information architecture. Learners who complete the full MSc in Information and Library Management programme will also develop and enhance their research capability through critical enquiry and detailed analytical problem solving.

Indicative Content: Core - The Teaching Librarian; Records Management and Information Law; Information Technologies; Information Organisation; Research Methods; Management for Information and Library Professionals; Information Architecture; Open Librarianship; Professional Development and Organisational Awareness. Options - Dissertation; Applied Research Project.

Admission Requirements: A minimum second class second division (2.2) honours undergraduate/bachelor degree in any discipline, from a recognised third level institution, or equivalent qualification. For non-standard applicants, relevant professional experience may be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/msc-information-library-management

Application: Apply online via the programme webpage.

I37	MSc in Information Systems Management	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Information Systems Management (ISM) is a conversion programme that is designed, with significant input from industry, to enhance graduate's employability which is demonstrated by an excellent employment record. This innovative programme is designed to offer a unique blend of core skills such as programming, databases, web technologies, user experience, cloud computing, security and management of information systems. It provides a coherent set of contemporary technology management skills to meet the growing demand and expectations of industry which are essential to digitally transform modern organisations.

Indicative Content: Core - Information Systems Management; Database Systems; Systems Development & Project Management; Business Applications Programming; Interactive Systems Design; Business Modelling and Analytics; Cloud Computing; Web Design & Development; Business Data Communications; Enterprise Systems; Applied Systems Analysis; Major Information Systems Management Project. Options - Advanced Programming for Business Analytics; Philosophy of Information and Information Ethics.

Admission Requirements: Normally a H2.1 degree (NFQ Level 8 or equivalent). However, candidates with a H2.2 honours degree and who have a minimum of 2 years relevant work experience will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/4mKFqCf

Application: Apply online via the programme webpage.

I38	MSc in Information Systems with Computing	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MSc in Information Systems with Computing is an innovative programme with an integrated delivery covering a wide range of computing and information systems topics, whilst providing a focus on application. The programme focuses on practical skills and theoretical knowledge in the core areas such as information systems, software engineering, programming, advanced databases, web technologies, networking while also offering applied skills in contemporary topics such as data analytics, visualisation, mobile and social computing. Its aim is to create a deeper understanding of core computer technologies and information systems while also enhancing the practical technical skills of the learners. The programme incorporates practical skills in every module for the professional development of learners to enhance their employability which will enable the learner to integrate seamlessly into an organisation by addressing skills such as awareness to social media such as GitHub, leadership, self-management, teamwork and academic writing that are essential for a Level 9 graduate in the ICT sector. It also comprises two Research Methods modules, which focus on research and development skills. This module will inform the learner's dissertation or choice of an applied research project.

Indicative Content: Core - Programming for Information Systems; Advanced Databases; Networks and Systems Administration; Web and Mobile Technologies; Research Methods; Enterprise Information Systems; Data Analytics and Visualisation; Computer Systems Security; Web Development for Information Systems; Applied Research Methods. Options - Dissertation; Applied Research Project.

Admission Requirements: A minimum Second Class Honours (2.2) in an IT/IS discipline or a business discipline where IT/IS is a significant component of the degree from a recognised third level institution, or equivalent qualification in a cognate discipline. Prior knowledge and the study of the areas of databases, programming and networking is also required. Or an undergraduate

bachelor degree in a non-cognate area, with a minimum of a second class second division (2.2) honours plus 4 years professional experience in a related field. Learners will be assessed on a case-by-case basis.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/postgraduate-master-of-science-(msc)-computing-and-information-systems

Application: Apply online via the programme webpage.

I39	MSc in Information Technology Management	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

Programme Outline: This exciting Masters programme in Information Technology Management will provide students with a comprehensive skill set to fulfil and succeed in a variety of roles in the field of IT Management. Drawing on best practise from Ireland and abroad, the programme is designed to meet current industry needs and is aimed at developing academic knowledge and practical skills 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; Data security.

Indicative Content: Strategy; Process and Leadership; Contemporary Issues in Strategic Management; Technology Integration; Information Security Management; Data and Information Systems Management; Vendor and Service Management; Research Methods; Dissertation.

Admission Requirements: Suitable for graduates of a Bachelor of Science in Computing Level 8 or equivalent programmes (minimum 2nd class honours) or a Bachelor of Engineering in Electronic Engineering Level 8 or equivalent (minimum 2nd class honours). Candidates with significant professional experience in the computing field (as determined by RPL), in addition to an honours primary degree in another discipline area may also be considered for entry. Applicants who do not meet the above standard entry requirements will also be considered if they have an undergraduate degree (at Level 7 or Level 8) and a minimum of 5 years verifiable relevant industrial experience.

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

Programme Webpage: https://www.setu.ie/courses/msc-in-information-technology-management

Application: Apply online via the programme webpage.

I40	MA in Interaction Design	NCAD

Study Location: National College of Art and Design (NCAD Thomas Street campus)

Programme Duration: 12 months

Programme Outline: The MA Interaction Design programme teaches fundamental approaches, methods and tools related to the design of digital products, experiences, systems, and services with a focus on users and context of use. The MA is studio-based with students engaging in lectures, seminars, workshops, fieldwork, and independent and group projects. The programme focuses on the interdisciplinary nature of Interaction Design, covering topics ranging from human-computer interaction and

psychology to product design and experience prototyping. At the core of the programme is a focus on the needs of people. Through a range of studio projects students learn to conduct people-centred research, extract meaningful insights, create and visualise concepts, and develop and evaluate prototypes in context. Covering the theoretical and practical aspects of the discipline, the course encourages students to design from both a pragmatic and speculative perspective, to imagine things as they might be and not necessarily as they are.

Indicative Content: Research Methods for Creative and Critical Practice; Foundation Skills in Interaction Design; Interaction Design Fundamentals; Web Design; Advanced Skills in Interaction Design; Design Studio: Minor Project; Designing for Interaction; Entrepreneurship and Social Innovation; Design Studio: Major Project.

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

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncad.ie/postgraduate/postgraduate-masters-information/ma-interaction-design-ad439/

Application: Apply online via the programme webpage.

I41	MSc in Interactive Digital Media	GC

Study Location: Griffith College (GC Dublin main campus)

Programme Duration: 12 months

Programme Outline: This multidisciplinary programme enables students to develop a cutting-edge skillset using the most up to date, industry-standard technology and challenges its students to innovate and develop ground-breaking new interactive digital technologies and experiences. The programme aims to build upon students' knowledge of digital for an exciting career in a growing media industry.

Indicative Content: Core – Web Authoring; Visual Communication; Digital Media & Society; Research Methods; Interaction Design; Multimedia Programming; Business of Digital Media; Digital Media Platforms; Dissertation. Options – Game Design and Development; Theories & Principles of Animation; Digital Storytelling; 3D Modelling & Rendering; Desktop Publishing; Server-side Web Development & Databases; eLearning; Video Production.

Admission Requirements: Candidates applying for this course should have a Level 8 Honours degree 2:2 or above in any discipline or international equivalent and/or relevant work experience.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://www.griffith.ie/faculties/computing/courses/msc-interactive-digital-media

Application: Apply online via the programme webpage.

I42   MSc in IT-Enabled Innovation   MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MSc in IT-Enabled Innovation is primarily for graduates of any discipline who wish to pursue a career in digital transformation in the private, public, and other sectors of the economy. This programme utilises the educational resources provided by the School of Business and the knowledge found at the Innovation Value Institute (IVI) - a research centre within the university - to respond to the need for educational offerings in the management and governance of both established IT systems and new digital technologies.

Indicative Content: Digital Technology Governance; Digital Business; Strategic Management; Career Planning And Development; Analytics Live; Disruptive & Emerging Digital Technologies; Introduction to Sustainability in Business; Financial Management; Actionable Insights Through Research; Business Consulting Project, or Placement Project, or Dissertation.

Admission Requirements: This programme assumes no prior knowledge of IT, Business or Management topics, but does assume the capacity for study and rapid development associated with an honours degree graduate. Candidates should have a minimum 2.2 grade, honours (level 8) degree. In exceptional circumstances, consideration will be given to candidates who do not hold a primary degree but who do have significant relevant work experience, at least three years of which must be in a management position.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://bit.ly/4jtDprh

Application: Apply online via the programme webpage.

I43   MA in Journalism & Digital Communications   GC

Study Location: Griffith College (GC Dublin main campus)

Programme Duration: 12 months

Programme Outline: This programme is designed for aspiring communications professionals eager to master the art of producing, managing, and delivering high-quality journalism across multiple platforms. This programme will equip you with the skills needed for success across multiplatforms including news, social, and commercial communications content production sectors.

Indicative Content: Core - Communications & Audience Theories; Data Journalism & Analytics; Digital Communications & Investigative Journalism; Media Product Design & Professional Development; Mobile Video Production; Multiplatform Writing & Editing; Podcasting & Radio Production; Research: Methods & Skills; Dissertation. Options - International Political Economy; Photojournalism; Social/Digital Content Creation; Sports Journalism; The Business of Media; Video Storytelling.

Admission Requirements: Applicants for this course should have a 2.2 degree in any discipline.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://bit.ly/4aSOFcD

Application: Apply online via the programme webpage.

I44	**Master of Library & Information Studies**	**UCD**

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The Master of Library and Information Studies prepares graduates for work in a range of professional settings, including academic, public, and special libraries, as well as information-based roles in commercial, civic, health, and legal organisations. Our programmes instil professional ethics and social responsibility, foster lifelong continuing professional education, and provide opportunities for active engagement with diverse communities. The MLIS is an in person programme, structured to develop core professional competencies, as well as specialised knowledge and skills for librarians and information professionals. While the programme offers a generalist approach to suit multiple interests and aspirations, it is also possible to tailor learning to more specialised areas for particular career paths.

Indicative Content: Core - Organisation of Information, Cataloguing and Metadata; Information and Reference Services; Research and Practice in LIS; Applied Research Methods; Capstone Project; MLIS Thesis. Options - Web Publishing; Informatics; Applied Data Wrangling and Visualisation; Digital Libraries; Digital Curation: Core Concepts; AI and Ethics; Archives and their Users - Advocacy and the Archives Gateway; Managing Records and Information in Public and Private Organisations; Children's Rights and Participation; Quantitative Data Analysis; Archives Preservation; Research Practice; The Information Professional as Teacher; Research Data Management; Scholarly Communication; Information Ethics; Platform Governance; Digital Media Literacy; Professional Topics in LIS; Language Models and Methods; Service Learning; Project Management.

Admission Requirements: A minimum 2.1 award in a bachelor's degree in any subject (NFQ Level 8 or International equivalent).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=W099

Application: Apply online via the programme webpage.

I45	**MA in Media Studies**	**MIC**

Study Location: Mary Immaculate College (MIC Limerick campus)

Programme Duration: 12 months

Programme Outline: The Master's in Media Studies (MAMS) at MIC is an innovative programme that offers students the opportunity to study a wide range of contemporary media topics at an advanced level. These include streams in Film Studies, Audio Studies and Cultural Studies. All courses are taught by internationally acclaimed researchers with practical knowledge of the media industry and the small group sessions facilitate collaborative learning, both theoretical and practical. The programme enables graduate students to develop a deeper understanding of the field and provides the foundations for their own original research and career development.

Indicative Content: Core - Critical Issues in Media Theory; Radio - The Invisible Medium; Ireland and Film; Sound, Media & Society; Mass Media Research Methods; Writing for the Screen - Craft and Context; Popular Music Studies; Television Drama - Industry, Form & Audience; Media, Sport and Popular Culture. Options - News and News Media; Researching Irish Media

Audiences; Sociolinguistics of Irish Media; Women and Ageing in Popular Culture; Community Media Engagement; The Development of Irish Media: A Theoretical Overview.

Admission Requirements: Applicants should hold a 2.2. in a relevant degree or media industry experience.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.mic.ul.ie/faculty-of-arts/programme/ma-in-media-studies

Application: Apply online via the programme webpage.

I46	MSc in Network and Information Security	GC

Study Location: Griffith College (GC Limerick campus)

Programme Duration: 12 months

Programme Outline: This MSc in Network and Information Security aims to equip students with the necessary skills to pursue an interesting career in this specialist area. 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 / Dissertation by Practice.

Admission Requirements: Candidates applying for this course should have a 2.2 Level 8 Honours degree or above in Computing Science, or a 2.2 Higher Diploma in Computing or related discipline or international equivalent and/or relevant work experience.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://www.griffith.ie/faculties/computing/courses/msc-network-and-information-security

Application: Apply online via the programme webpage.

I47	MSc in Open Data Practice	NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: Open Data is data that is openly accessible, exploitable, editable, and shared for any purpose. Open Data is a key driver for economic growth, business innovation and public accountability and this programme gives the learner the skills to succeed in a data driven world. The MSc in Open Data Practice, developed under the EU-funded ERASMUS+ TrainRDM project, equips learners with skills to excel in a data-driven world. Graduates will gain expertise in open data management, impact assessment, and operationalisation. The collaboration with UPB and TU Vienna, two leading European institutions in computing, ensures a diverse and comprehensive education, preparing students for leadership in open data innovation and public accountability.

Indicative Content: Core - Data Modelling; Programming and Algorithms; Ethics and Fairness; Open Science and FAIR Principles; Statistics; Data Analytics; Open Data Workflows and Lifecycle; Data Governance; Research Practicum. Options - Database and File Systems; Open Innovation; Data Assurance and Security Principles.

Admission Requirements: A minimum of a level 8 (honours degree) qualification (2.2 or higher) on the National Framework of Qualifications from a cognate/STEM background. Learners from a non-cognate background from areas like Bioscience, the Social Sciences, Psychology, or Library Science will also be considered for the programme. Candidates will be required to demonstrate numerical and computer proficiency which may be assessed by interview or written assessment. Graduates with other level 8 qualifications can apply and will be assessed on a case-by-case basis.

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

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCODP

Application: Apply online via the programme webpage.

I48	MA in Political Communication	DCU

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: The MA in Political Communication programme at DCU offers an interesting mix of academic and professional aspects. It explores how the media, politics and the public interact and how these interactions affect democracy and the distribution of power. This programme is suitable for people who want to work in various communication roles, whether it's in the public, private, or nonprofit sectors. It's also a good choice for those who are already working and want to advance their careers. For those looking to enter the job market, the MAP programme offers an opportunity for a work placement.

Indicative Content: Core - Political Communication 1: Concepts & Issues; Media and Politics in Ireland; Social Media, Journalism & Democracy; Introduction to Research Methods; Political Communication 2: Campaigns & Strategies; Information, Manipulation, and Democracy; Research Methodologies; Dissertation Preparation. Options - Public Relations: Issues and Principles; Data Communication; Media Audiences; Political Economy of the Environment; Gender & Sexuality in Digital Culture.

Admission Requirements: A degree at the level of an Irish or UK Honours undergraduate degree (H2.2 or above) or equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.dcu.ie/courses/postgraduate/school-communications/ma-political-communication

Application: Apply online via the programme webpage.

I49	MA in Public Relations & Digital Communications	GC

Study Location: Griffith College (GC Dublin main campus)

Programme Duration: 12 months

Programme Outline: The MA in Public Relations and Digital Communications is accredited by the National Union of Journalists (NUJ) and the Public Relations Institute of Ireland (PRII). The programme is delivered by academics and industry experts in the

fields of public relations, communications, business and journalism. The MA in Public Relations and Digital Communications provides students with a well-rounded internationally recognised communications qualification that prepares them for careers within the communications, media and public relations industries.

Indicative Content: Core - Communications and Audience Theories; Corporate Communications; Mobile Video Production; Multi-platform Writing and Editing; Podcasting and Radio Production; Political Communications and Public Affairs; Public Relations Theory and Practice; Research: Methods and Skills; Social/Digital Content Creation; Dissertation. Options - International Political Economy; Media Product Design and Professional Development; Photojournalism; Sports Journalism; The Business of Media; Video Storytelling.

Admission Requirements: A primary degree (2.2) in any discipline and interview.

IELTS: Minimum overall score of 7.0 with no less than 6.5 in any one component.

Programme Webpage: https://bit.ly/43r69fK

Application: Apply online via the programme webpage.

I50	MA in Public Relations with New Media	MTU

Study Location: Munster Technological University (MTU Cork, Bishopstown campus)

Programme Duration: 12 months

Programme Outline: This innovative MA programme offers the opportunity to gain a comprehensive understanding of public relations as a form of communication and pays particular attention to the growing importance of digital and interactive media on the practice of public relations and professional communications. By developing student's research, planning, managerial and multimedia skills the course aims to produce graduates who can display leadership and show the capacity for innovation within the dynamic and fast evolving professional communications industry. Course content focuses strongly on PR tools and techniques, particularly within the growing new media environment, and on the increasing globalisation and convergence of the media industries.

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 & Communications Law, Enterprise, and Innovation; Design for Print; Web Design Basics.

Admission Requirements: Expected to hold minimum of a 2.2 honours degree. Admission to the course will be on the basis of interview. Recognition of Prior Learning will be applicable for candidates entering from the workplace or applying for admission from other institutes.

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

Programme Webpage: https://www.mtu.ie/courses/crbprnm9/

Application: Apply online via the programme webpage.

J

Business, Economics, Project Management, Strategic Management, Leadership and related

J01   MSc in Accounting   NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: The MSc in Accounting has been designed in consultation with industry to provide candidates with key skills alongside a robust theoretical understanding of accounting. The programme is ideal for those who are interested in accounting but do not have an accounting-related undergraduate degree, as this programme allows those students to pursue a conversion programme, allowing them to gain professional accountancy body exemptions. By doing so, this programme will fast track successful graduates to becoming professional accountants.

Indicative Content: Core - Financial Accounting; Taxation; Audit and Assurance; Company Law; Financial Management; Management Accounting; Financial Reporting; Advanced Taxation; Advanced Financial Management; Performance Management; Corporate Governance and Ethics; Business Intelligence. Options - Critical Perspectives in Accounting, Effective Leadership in the Organisation, and Accounting in Practice, or Research Methods and Dissertation.

Admission Requirements: Applicants are required to hold a minimum of a level 8 qualification (minimum 2:2 Honours) or equivalent on the National Qualifications Framework in a non-accounting discipline. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCACC

Application: Apply online via the programme webpage.

J02   MA in Accounting   TUS

Study Location: Technological University of the Shannon (TUS Athlone campus)

Programme Duration: 12 months

Programme Outline: The programme is intensive with a strong emphasis on self-directed learning and developing an awareness of the broader discipline of accounting. Modules concentrate on the core accounting modules: management accounting, financial reporting, auditing, taxation and financial management. Students also undertake case studies which involve real-life scenarios incorporating different aspects of accounting, in addition to a 30 credit accounting research project. If you have a degree in accounting or a general business with an accounting specialisation and would like to pursue a career in accounting, then this programme has been designed with you in mind.

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

Admission Requirements: Students are expected to have a minimum of a 2.2 Honours Bachelor Degree (Level 8) in a cognate discipline.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://tus.ie/courses/ma-accounting/

Application: Apply online via the programme webpage.

J03	MSc in Applied Economics	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in Applied Economics provides high-quality training in economics with a focus on applications to real-world problems. The course is ideal preparation for a career as a professional economist working on applying economics to policy issues or business situations. In addition to studying core modules in microeconomics, macroeconomics and econometrics, students can pick from a wide range of field modules. In the summer term, students do either a supervised research thesis or an internship. *Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.*

Indicative Content: Core - Econometrics; Microeconomics; Research & Career Skills 1; Macroeconomics; Maths & Stats; Research & Career Skills 2; Economics Internship or Thesis. Options - Behavioural Economics; Development Economics; Environmental Economics; Applied Data Wrangling and Visualisation; Data Programming with R; Data Programming with R (Online); Advanced Macroeconomics; Advanced Microeconomics; Health and Welfare Economics; Energy Economics and Policy; Behavioural Economics: Policy Applications; Aviation Economics; Decision Theory; Advanced Econometrics: Microeconometrics; Advanced Econometrics: Time Series; Causal Inference & Policy Evaluation; Global Economic History; The Economics of Banking & Financial Stability; Evaluation Methods for Health Economics.

Admission Requirements: A primary degree with at least an upper second class honours or international equivalent in Economics or in a degree in which Economics is a major component.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W369

Application: Apply online via the programme webpage.

J04	MSc in Artificial Intelligence for Business	TUS

Study Location: Technological University of the Shannon (TUS Athlone campus)

Programme Duration: 12 months

Programme Outline: This programme's aim is to develop graduates with skills in artificial intelligence, with a focus on business use cases of this technology. Recognising the increasing value of artificially intelligent models to organisations, graduates of this programme will be versed in the technologies, processes, and socio-ethical considerations of artificial intelligence as applied in business contexts. In the third and final semester during the summer, students will complete a substantive project and dissertation document.

Indicative Content: Mathematics for Artificial Intelligence; Business Artificial Intelligence Case Studies; Fundamentals of Machine Learning; Data Mining and Business Intelligence; Data Engineering; Deep Learning; Legal, Social and Ethical Implications of AI; Research Methods; Applied Research Project.

Admission Requirements: Students are expected to have a minimum of a Merit Higher Diploma (Level 8) or 2.2 Honours Bachelor Degree (Level 8) in Computing/Business Computing, Electronics, Computer Science, Software Engineering, Data/Business Analytics, Physics, Statistics or equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://tus.ie/courses/msc-artificial-intelligence-for-business-athlone/

Application: Apply online via the programme webpage.

J05	MSc in Behavioural Economics	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Behavioural Economics is devoted to providing an in-depth training in the area of behavioural economics. Students will take a range of rigorous economic modules but will specialise in understanding a range of new models that incorporate the latest evidence on human decision-making. As well as being trained in the core concepts and theories of behavioural economics, students will also learn about the range of empirical methods used to test ideas in this area in lab and field settings. The MSc also covers the ethical, legal, and regulatory context for the ideas of behavioural economics. Thus, the students will be equipped to apply these ideas in a wide range of academic, business, and policy settings. *Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.*

Indicative Content: Core - Econometrics; Microeconomics; Research & Career Skills 1; Behavioural Economics; Experiments in Economics; Maths & Stats; Research & Career Skills 2; Behavioural E'mics: Policy App; Topics in Psychological Sci; Economics Internship or Thesis. Options - Development Economics; Data Programming with R; Data Programming with R (Online); Advanced Macroeconomics; Advanced Microeconomics; Health and Welfare Economics; Energy Economics and Policy; Aviation Economics; Decision Theory; Advanced Econometrics: Microeconometrics; Advanced Econometrics: Time Series; Causal Inference & Policy Evaluation; Global Economic History; The Economics of Banking & Financial Stability; Evaluation Methods for Health Economics.

Admission Requirements: A primary degree with at least an upper second class honours or international equivalent in Economics or in a degree in which Economics is a major component.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W376

Application: Apply online via the programme webpage.

J06	Master of Business (Economics and Finance Stream)	SETU

Study Location: South East Technological University (SETU Waterford Cork Road campus)

Programme Duration: 12 months

Programme Outline: The Master of Business (Economics and Finance Stream) is aimed at preparing graduates for a career in finance or in economics. The course was developed in response to demand from financial service companies for specialist graduates with advanced skills and knowledge in areas such as econometrics, financial derivatives, data analytics and advanced financial analysis and interpretation. The course was developed in collaboration with companies in the financial services sector with the aim of producing high quality graduates with quantitative and analytical skills who would have a capability to work in specialist roles in economics and finance. The programme will provide you with a challenging experience; help to expand your knowledge and skill-set whilst at the same time develop new mindsets and attitudes to prepare you for the demands of the business environment. The MBS programme provides students with the opportunity to enhance their specialist subject knowledge, experience innovative learning methods and explore opportunities arising from innovation, entrepreneurship, and business development.

Indicative Content: Innovation Management & Design; Business Simulation 1; Contemporary Issues in Business; Research Methods; Statistics for Data Analytics; Business Simulation 2; Applied Consultancy; Financial Risk and Compliance Management; Corporate Financial Analysis; Monetary Economics; Applied Business Project, or Dissertation, or Research Paper Series 1: Applied Research Methods Paper; Research Paper Series 2: International Business and Politics Paper; Research Paper Series 3: Governance and Ethics Paper.

Admission Requirements: A H1 or 2.1 overall award in a strong specialist business/economics and finance undergraduate degree or a general business undergraduate degree with an economics and/or finance major/specialism. Students from a non-business degree (example – BA or a BSc) but with relevant economics/finance related modules may also be eligible. Graduates who have achieved a 2nd class honours grade 2 in the degrees listed above and who can demonstrate a high level of performance in the economics/finance related subjects may be considered.

IELTS: Minimum overall score of 6.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.setu.ie/courses/master-of-business-economics-and-finance-stream

Application: Apply online via the programme webpage.

J07	Master of Business (Management Stream)	SETU

Study Location: South East Technological University (SETU Waterford Cork Road campus)

Programme Duration: 12 months

Programme Outline: The MBS (Management Stream) is an innovative, problem focused and practice-oriented programme. It is designed to equip individuals with the necessary knowledge and skills to meet the challenges of dynamic and complex organisational environments and prepare them to be leaders and effective decision makers in industry. Successful candidates will possess both the personal skills and specialist knowledge to undertake challenging assignments and integrate more effectively into the workplace.

Indicative Content: Business Simulation 1; Business Simulations 2; Contemporary Issues in Business; Research Methods; Innovation Management and Design; Knowledge Management; Management Skills Development; Leadership Development; Managing Change; Managing Corporate Creativity; Applied Consultancy; Dissertation, or Applied Business Project; Research Paper Series 1: Applied Research Methods Paper; Research Paper Series 2: International Business and Politics Paper; Research Paper Series 3: Governance and Ethics Paper.

Admission Requirements: A H1 or 2.1 overall award in a strong specialist Business Management undergraduate degree or a General Business undergraduate degree with a Management specialism. Students from a non-business degree (example – BA or

BSc) but have taken Management modules during their studies and have achieved a minimum grade of 60% in those subjects. In some instances, graduates who have achieved a 2nd class honours grade 2 in the degrees listed above and who can demonstrate a high level of performance in the Management related subjects may be considered for interview and short listing.

IELTS: Minimum overall score of 6.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.setu.ie/courses/master-of-business-management-stream

Application: Apply online via the programme webpage.

J08	Master of Business Administration	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MBA programme educates and prepares a diverse group of learners with the academic knowledge, analytical ability and innovative management perspectives and skills needed to manage organisations in an increasingly competitive and diverse global marketplace. The programme enables learners commence or strengthen their career in business, as well as underpin any further business studies and achieve excellence at an executive level in their chosen profession in both the public and private sectors. The ability to confidently manage a business represents a valuable skill-set. In order for an organisation to be flexible in diverse business environments and to change direction at speed, they must be experts in business management and business strategy in a global context. The aim of the MBA at DBS is to develop these sets of abilities with a particular focus on a thorough understanding of business management. The MBA offers you a unique opportunity to study advanced theory and practice relating to management, and to develop an appreciation of the causes and significance of managing strategy.

Indicative Content: Global Issues for Management; Strategic Marketing Analysis; Managerial Financial Analysis; Research Methods 1; Applied Strategic Management; Dynamic Leadership Development; Research Methods 2; Marketing Innovations; Strategies for Human Resource Management; Strategic Information Systems; Project Management Frameworks; Corporate Financial Management; Cloud Technologies for Business; Integrated Marketing Communications; Reinventing Performance Management; Innovation and Disruptive Technologies; Project Management Practices; Global Financial Markets; Cloud Application Management; Dissertation.

Admission Requirements: Level 8 primary undergraduate honours bachelor degree with a minimum Second Class Second Division classification (2.2) from a recognised third level institution in any discipline from a recognised third level institution (or equivalent); or an equivalent professional qualification such as ACCA or CIMA. GMAT examination is a mandatory requirement for all applicants who do not hold an Honours Bachelor Degree (Level 8) with a minimum of second class second division classification. Applicants who do not have a Level 8 qualification at a 2.2 award level and who have at least 3 years' work experience may also be considered through the college's normal RPL procedures. Relevant professional experience may be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-business-administration-(mba)

Application: Apply online via the programme webpage.

J09   MSc in Business Analytics for Decisions Makers   NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: The MSc in Business Analytics for Decision Makers seeks to provide non-cognate (NFQ Level 8/international equivalent) undergraduate degree holders with key skills and a robust theoretical underpinning of the role of analytics in informing decision making in the business context. The programme will equip non-cognate learners with essential analytic capabilities, allowing them to interact with data scientists and engineers with a view to improving evidence-based decision making. The programme is designed to prepare students for a career in roles that both involve and interact with data science. In this way, the programme is viewed as a one-year conversion course for qualified degree holders seeking to transition to a career as a business analyst but not necessarily as data scientists.

Indicative Content: Core - Business Intelligence; Statistical Methods; Science of Decision Making; Effective Leadership in the Organisation; Data Governance and Ethics; Data Visualization; Research methods; Dissertation. Options - Big Data and AI in Business; HR Analytics and Evidence based Decision Making; Data Exploration and Preparation; Strategic Project Management.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or noncognate area at level 8 on the National Framework of Qualifications. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCBADM

Application: Apply online via the programme webpage.

J10   MSc in Business Economics   UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc Business Economics programme is an integrated course applying economics to the business environment. Designed in consultation with leaders from the business community and public sector organisations, this unique course equips you with the key skills for career development in the ever-changing business world. It also provides a good foundation for those interested in undertaking further study at PhD, DBA or professional development level. The MSc Business Economics course is unique to UCC, incorporating both taught courses and action research, and using economic theory and analysis explicitly applied to business. Through the focused taught courses and conducting action 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: Professional Business Skills; Advanced Quantitative Techniques for Business Research; Research Methods for Business Economics; Strategy for Global Business; Global Business Strategy and Business Relationships; Analysing General Business Conditions; International Macroeconomic Data in Strategic Decision Making; Financial Economics and Business Strategy; Corporate Treasury Management; Fieldwork Research Methods for Business; Analysis of Business Survey Data; Business Economics Report.

Admission Requirements: Minimum Second Class Honours Grade II in a primary honours degree (NFQ Level 8) or equivalent. Note that there is NO requirement for Economics or Business subjects to be part of the primary degree. Consideration under Recognition of Prior Learning (RPL) will be given to applicants not meeting the above criteria (i.e. no primary degree) but with extensive relevant professional experience, as deemed appropriate by the Head of Economics in consultation with the Programme Director, subject to the approval of the School of Business.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckl06/

Application: Apply online via the programme webpage.

J11	MA in Business Management	UL

Study Location: University of Limerick (UL Castletroy campus)

Programme Duration: 12 months

Programme Outline: Specifically designed to meet the needs of non-business graduates who wish to develop an understanding of major business disciplines and pursue a business career. The programme covers the fundamental business disciplines: accounting, business communications, economics, human resource management, information management, knowledge management, management principles, marketing management, organisational behaviour and strategic management. The emphasis is on a practical approach to business coupled with a theoretical understanding. Students attend lectures and laboratory sessions. Case studies and project work on an individual and group basis form a significant part of the programme. The diversity of students' backgrounds greatly enriches the learning experience.

Indicative Content: Economics for Business; Management Principles; Information Management; Organisational Behaviour; Marketing Management; Financial Management and Decision Making; Knowledge Management; Business Communication; Human Resource Management; Strategic Management; Business Simulation; MA Confirmation Paper.

Admission Requirements: Minimum of a 2:2 Honours primary degree in any field other than Business or Commerce related fields, or equivalent.

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

Programme Webpage: https://www.ul.ie/gps/course/business-management-ma

Application: Apply online via the programme webpage.

J12	MSc in Digital and Content Marketing	TUD

Study Location: Technological University Dublin (TUD Dublin city centre campus)

Programme Duration: 12 months

Programme Outline: This programme has been designed by the School of Marketing and Entrepreneurship to equip students with the key skills required to work in a digital and content marketing role. Graduates of the programme will have an exciting variety of career options in marketing and in specialist areas of the field including those that are new and emerging such as content creation.

Indicative Content: Core - Business Research Methods; Copy and Content; Creative Thinking; Digital Analytics; Digital Portfolio; Social Media Marketing; Strategic Digital Marketing; User Experience Design; Work Placement; Marketing Technology; Regulation and Governance; Omni Channel Campaign Management; Strategic Content Creation; Digital Portfolio; Dissertation.

Admission Requirements: Applicants should have a minimum 2.1 honours business degree. Applicants must have a business degree or have a minimum of 50% business related subjects on their degree.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/digital-marketing/

Application: Apply online via the programme webpage.

J13	MSc in Digital Innovation	UCD

Study Location: University College Dublin (UCD Michael Smurfit Business School campus)

Programme Duration: 12 months

Programme Outline: With digital innovation at the heart of transformation across the global business spectrum, the MSc in Digital Innovation champions the vital qualities to lead the strategic development and deployment of new technology and systems. Designed to equip future business and technology leaders with the knowledge and skills to succeed in the digital age, this programme addresses technology-centric transformation in business and society. From research to software design, students will gain the perspectives and skills to initiate and manage change. This Masters is suitable for graduates of any discipline but particularly those with a business and/or IT background seeking a career managing digital innovation in all sectors.

Indicative Content: Design, Development, Creativity; Digital Infrastructure; Skills for Business Enquiry; Cultural & Political Perspectives; Outsourcing and Offshoring; The Ethereum Ecosystem; Cybersecurity; Knowledge, Power, Agency and AI; Project Management in the Digital World.

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 overall score of 7.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.smurfitschool.ie/programmes/masters/mscindigitalinnovation/

Application: Apply online via the programme webpage.

J14	MSc in Digital Marketing	DCU

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: The MSc in Digital Marketing is designed to help participants understand how digital technologies can be exploited to optimise buyer awareness, sentiment and intention. You will gain in-depth knowledge and skills in PPC, SEO, Content Marketing, Social Media, e-Business Management, Web Development, Data Analysis, and develop strategic thinking

know-how. You will have the opportunity to gain real-world experience by putting these skills to the test in an end-of-year practicum project which involves being paired up with a client, looking after their digital marketing for a 6 month period.

Indicative Content: Applied Web Design & Development; Digital Advertising & Communications; Digital Marketing & e-Business Management; Digital Marketing Mechanics & Authorship; Marketing Strategies & Metrics; Strategic Thinking & Data Analytics; Applied Research Project; Dissertation.

Admission Requirements: A 2.1 Honours degree in a Business discipline, or equivalent international qualification or a 2.1 Honours degree in a relevant non-business discipline eg. Journalism, Communications, Media Studies.

IELTS: Minimum overall score of 6.5, with 6.5 in writing and speaking and no less than 6.0 in any one component.

Programme Webpage: https://business.dcu.ie/course/msc-in-digital-marketing/

Application: Apply online via the programme webpage.

J15	MSc in Digital Marketing	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc Digital Marketing programme at University of Galway is uniquely designed as a specialist programme, which enables students to blend traditional marketing knowledge with the strategic, analytical and digital skills needed to enter the digital marketing workforce. The Programme will develop the students' knowledge, skills and critical understanding of digital marketing to an advanced level. Given the relentless pace of change in Digital Marketing, students will be exposed to the latest cutting-edge ideas, strategies, techniques and digital marketing frameworks through the analysis of industry best practice.

Indicative Content: Consumption & Society; Social Media Marketing Theory; Inbound Marketing & Content Creation; Research Methods; Marketing Performance & Productivity; Services Marketing; Partnership Marketing; Digital Metrics & Analytics; Digital Sales Management; Strategic Brand Management; Digital Marketing Strategy; Marketing Analytics; Applied Marketing Project.

Admission Requirements: Normally a second-class honours degree (NFQ Level 8 or equivalent) in any discipline or a primary degree with a minimum of three years relevant work experience will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/digitalmarketingmsc/

Application: Apply online via the programme webpage.

J16	MSc in Digital Marketing	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MSc Digital Marketing is strongly connected to industry and what is happening in marketing today. The programme develops the critical and analytical capabilities of participants through a series of modules that engages them with not only the latest research but also key insights from the practice of digital marketing. The programme aims to provide participants with knowledge and experience of both tactical and strategic use of digital marketing. Participants will learn how to analyse complex data for informed decision-making and develop practical skills in content creation, campaign development and data analysis using a range of techniques and digital products. The use of digital, while important, is only part of the arsenal of tools and techniques available to a marketer and this programme will ensure that the participant can apply the appropriate digital messaging in conjunction with traditional marketing messaging.

Indicative Content: Digital Campaign Strategy & Management; Digital Marketing Communications; Data-Driven Marketing; Career Planning and Development; Marketing Live; Managing Social Media; Search Marketing, Analytics & Measurement; Introduction to Sustainability in Business; Actionable Insights Through Research; Business Consulting Project, or Dissertation, or Placement Project.

Admission Requirements: Candidates should have a minimum 2.2 grade honours (level 8) degree in a business discipline. Candidates with a minimum 2.2 grade honours (level 8) degree in any discipline who can demonstrate significant experience in digital marketing will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.maynoothuniversity.ie/school-business/our-courses/msc-digital-marketing

Application: Apply online via the programme webpage.

J17	MA in Dispute Resolution	IC

Study Location: Independent College (IC Docklands main campus)

Programme Duration: 12 months

Programme Outline: The MA in Dispute Resolution focuses on a wide range of non-adversarial dispute resolution processes, including arbitration, mediation, restorative practice, conflict and negotiation across commercial and workplace sectors. The curriculum is interdisciplinary, combining concepts from law, business management, international relations, policy studies, sociology, psychology and organisational development. The mixture of experience-based learning through role plays and formal lectures gives students a hands-on understanding of this important, fast-growing sector. Our teaching team consists of mediators, lawyers, authors and arbitrators.

Indicative Content: Understanding Conflict, Causes, Analysis & Dynamics; Principles of Mediation Theory; Principles of Mediation Practice; Principles of Negotiation Theory; Applied Negotiation Practice; Theory & Practice of Arbitration; Advanced Mediation Theory; Advanced Mediation Practice; Restorative Practice; Research Methods; Dissertation.

Admission Requirements: Law Graduates: Candidates should have an upper second-class honours degree in law at Level 8 (or equivalent). Students with a lower second-class honours degree will be considered. Qualifications from candidates based outside of Ireland will be assessed using the NARIC International Comparison System. This ensures there are equal opportunities for overseas students. Non-Law Graduates: Candidates should have an upper second-class honours degree at Level 8 (or equivalent). Students with a lower second-class honours degree will be considered. Qualifications from candidates based outside of Ireland will be assessed using the NARIC International Comparison System. This ensures there are equal opportunities for overseas students.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://independentcollege.ie/courses/ma-in-dispute-resolution/

Application: Apply online via the programme webpage.

J18	MSc in Economics	MU

Study Location: Maynooth University (MU North / South campus)

Programme Duration: 12 months

Programme Outline: The MSc Economics is a stimulating and challenging programme that provides international quality training in Economics and Econometrics. Through a combination of theoretical principles and empirical tools, the programme emphasises 'problem solving' and equips successful graduates with economic, quantitative and communication skills that are highly sought by employers in the public and private sectors.

Indicative Content: Microeconomics I; Macroeconomics I; Fundamentals of Econometrics; Econometrics 1; Development Economics; International Trade; Labour Economics; Economic Growth; Economic Thesis.

Admission Requirements: The degree is targeted at high quality students with a strong background in Economics or with strong quantitative skills. In particular, students are eligible for admission if they have obtained the equivalent of at least a 2.1 grade in (i) an honours degree in Economics, (ii) an honours degree in which Economics formed a substantial component, including joint honours Economics degrees and some Business and Finance degrees that include core Economics modules, or (iii) an honours degree in which there was a substantial quantitative component, such as Mathematics, Engineering, Computer Science, Mathematical Physics or Statistics. Applicants with a high 2.2 in an undergraduate Economics degree, but with 2.1 standard in key modules, may also be eligible and will be considered on a case-by-case basis by the Admissions Director.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.maynoothuniversity.ie/study-maynooth/postgraduate-studies/courses/msc-economics

Application: Apply online via the programme webpage.

J19	MSc in Economics & Data Analytics	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in Economics and Data Analytics is a programme designed for those who want to gain the in-demand skills needed to succeed in today's job market. The programme is a great option for anyone interested in understanding how data can be used to understand the economy and drive business decisions. Learning from top economists and statisticians, in a blended programme with both online and in-person modules in small class sizes, this programme provides hands-on experience through workshops and projects. Plus, there are opportunities to connect with industry professionals and be a part of the school community through research seminars and more. ***Please note: Only one place is available on this course through the Ireland Fellows Programme. As competition is exceptionally high, we strongly encourage applicants to explore alternative***

course options and apply for this course only if they meet the minimum entry requirements and have significant relevant work experience.

Indicative Content: Core - Econometrics; Microeconomics; Macroeconomics; Maths & Stats; Introduction to Data Analytics (Online); Research & Career Skills 2; Economics Internship or Thesis. Options - Monte Carlo; Introduction to Relational Databases and SQL Programming; Advanced Econometrics: Microeconometrics; Advanced Econometrics: Time Series; Causal Inference & Policy Evaluation; Geostatistics and Programming for GIS; Quantitative Text Analysis; Inference for Data Analytics; Statistical Machine Learning; Bayesian Analysis; Advanced Macroeconomics; Advanced Microeconomics; Health and Welfare Economics; Energy Economics and Policy; Behavioural Economics: Policy Applications; Aviation Economics; Decision Theory; Global Economic History; The Economics of Banking & Financial Stability; Evaluation Methods for Health Economics; Data Programming with R; Data Programming with R.

Admission Requirements: A NFQ Level 8 primary degree with at least an upper second class honours or international equivalent in Economics or in a degree in which Economics is a major component. An upper second class honours in a Higher Diploma in Economics or in the MSc Qualifier.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=W564

Application: Apply online via the programme webpage.

J20	MSc in Economics and Policy Analysis	UL

Study Location: University of Limerick (UL Castletroy campus)

Programme Duration: 12 months

Programme Outline: The MSc in Economics and Policy Analysis at UL is specifically designed to equip students with the practical skills required for a career in economics. The programme has a strong applied public policy focus which will prepare graduates for positions that require the application of economic knowledge and practical skills. The programme also incorporates an international field trip element. Previous trips have included visits to the OECD, the European Investment Bank, the European Stability Mechanism and the European Commission.

Indicative Content: Microeconomics Theory; Macroeconomic Theory; Evolution of Economic Theory; Evolution of Economic Theory; Applied Data for Economics; Preliminary Mathematics & Statistics for Economics; Global Finance & Capital Markets; Econometrics; Public Finance & Regulation; Industrial Policy: Theory, Practice & Evaluation; Labour & Education Economics; International Business Workshop; Dissertation; Professional Development.

Admission Requirements: Normally applicants will possess a minimum 2:2 honours primary degree (Level 8) in economics or a programme where economics is a major component (for example, business/commerce). An interview may form part of the application process.

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

Programme Webpage: https://www.ul.ie/gps/course/economics-policy-analysis-msc

Application: https://www.ul.ie/gps/course/economics-policy-analysis-msc

J21   MSc in Finance   NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: The MSc in Finance has been designed in consultation with industry to provide candidates with the advanced analytical, statistical and financial skills for decision-making within the modern and dynamic financial services sector. 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; Quantitative Methods in Finance; Asset Valuation; Capstone Seminar Series; Corporate Finance; Fundamentals of Financial Econometrics; Applied Security Analysis; Derivatives and Risk Management; Portfolio Management. Options - Ethics and Governance, Financial Regulation, and Financial and Quantitative Modelling, or Dissertation.

Admission Requirements: Applicants will normally hold a level 8 honours degree (min 2.2) in finance or a cognate field of study. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCFIND

Application: Apply online via the programme webpage.

J22   MSc in Finance   TCD

Study Location: Trinity College Dublin (TCD city centre campus)

Programme Duration: 12 months

Programme Outline: This specialist and highly ranked programme is designed for students who want to develop the analytical and technical skills required to succeed in modern financial services. Delivered by expert faculty and leading finance practitioners, students will receive the highest analytical and practical training possible through Bloomberg training, finance simulations and real-life case studies. Trinity Business School is partnered with the Chartered Alternative Investment Analyst Association and affiliated with the Chartered Financial Analyst Institute.

Indicative Content: Core - Corporate Finance; Credit and Fixed Income Analysis; Financial Econometrics; Financial Statement Analysis; Investment Theory; Dissertation. Options - Alternative Investments; Business Ethics; Energy Finance and Trading; Financial Markets and Institutions; Fintech in Banking, Insurance & Asset Management; International Finance; Private Equity; Sustainable Finance; Trading Psychology and Behavioural Analysis; Treasury Management & Derivatives; Advanced Data Analysis.

Admission Requirements: Applicants are required to possess a minimum 2.1 Honours degree or international equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tcd.ie/courses/postgraduate/courses/finance-msc/

Application: Apply online via the programme webpage.

J23	MSc in Finance (Banking and Risk Management)	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: This programme involves an advanced study of the theory and practice of investment, banking and risk management. You will study advanced Finance, Financial Economics and Quantitative Financial Techniques through data analysis software such as Python which is very much in demand by the industry. Your studies build to an independent applied research project which you undertake over the summer term where you put the theories and quantitative financial techniques taught to you during your studies into practice, using advanced statistics and software. You choose your own research topic in term 2 and are given one-to-one supervision support by an experienced academic from our teaching team over the summer term. You are taught in three broad streams: Finance, Financial Economics and Quantitative Finance.

Indicative Content: Asset Pricing; Derivatives for Risk Management; Analysis of Debt Instruments; Financial Practice and Ethics; Corporate Treasury Management; Regulation and Compliance in Capital Markets; Money, Credit, and Banking; International Finance I; International Finance II; Quantitative Finance I; Quantitative Finance II; Research Methods; Dissertation in Financial Economics or Industry Placement.

Admission Requirements: The course is open to (i) applicants with a second class honours grade I in a primary honours degree (NFQ Level 8) or equivalent in a business subject, or (ii) applicants with a 2.1 degree or equivalent postgraduate qualification in a related subject with a quantitative element such as mathematics, statistics, engineering, science, etc.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

J24	MSc in Financial Analytics	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The Master of Science (MSc) in Financial Analysis has been designed to meet the growing need for financial professionals with the practical skills required for a rapidly evolving data driven financial function. Upon completion of this programme, graduates will understand the core principles of finance, be equipped to utilise data analytics, machine learning, and visualisation tools, apply the appropriate financial analytic models, and acquire enhanced understanding of business decision making in an ethical and cyber context. The programme is designed to facilitate learners with a Mathematic/Economic/computing/technology background who wish to upskill in this new and emerging area of Financial Analytics. Students can opt to take the theory and practical modules only and not complete the dissertation. The overall aim of the programme is to produce graduates with strong proficiencies in the application of financial analytics in a contemporary and evolving data driven environment, while also enhancing practical and technical skills.

Indicative Content: Principles of Financial Decision Making; Data Analytics & Machine Learning for Finance; Predictive Financial Modelling; Applied Financial Analytics; Financial Intelligence & Data Visualisation; Information & Cybersecurity Management; Financial Risk Management; Behavioural Economics & Finance; Innovation in Financial Technology; Applied Research Methods; Applied Research Project.

Admission Requirements: A Level 8 primary cognate degree with a minimum second-class second-division (2.2) classification from a recognised third level institution. Cognate subjects include business, accountancy, computing, information systems, engineering, general science, mathematics, statistics, data analytics or related discipline. Graduates of any non-cognate discipline and hold a qualification in a conversion-style programme. Applicants who do not have a Level 8 qualification in a cognate area and who have at least 3 years' work experience may also be considered through the college's normal RPL procedures. Relevant professional experience may be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc.)-in-financial-analytics

Application: Apply online via the programme webpage.

J25	MSc in Financial and Computational Mathematics	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc in Financial and Computational Mathematics programme equips graduates with the skills necessary to pursue a successful career in quantitative finance. Modern financial technology is based upon sophisticated computational techniques for the modelling of asset and market movements, and the valuation of financial derivatives. This course provides a solid grounding in computational finance along with machine learning techniques and includes a team-based research project with opportunities to work with our industry partners.

Indicative Content: Core - Probability Theory in Finance; Derivatives, Securities, and Option Pricing; Computational Finance I; Computational Finance II; Topics in Financial Mathematics; Continuous-Time Financial Models; Numerical Methods and Applications; Optimisation; Dissertation in Financial and Computational Mathematics. Options - Applied Stochastic Differential Equations; Scientific Computing with Numerical Examples; Partial Differential Equations; Data Analysis II; Machine Learning and Statistical Analytics I; Machine Learning and Statistical Analytics II; Introduction to Relational Databases.

Admission Requirements: Candidates must have obtained at least a 2.2 degree or equivalent in the mathematical sciences or another quantitative subject. Candidates who have obtained at least a 2.2 honours degree in Engineering or Physics will be considered and should be able to demonstrate to the Course Coordinator some prior experience of probability and statistics, linear algebra, multivariate calculus, ordinary differential equations, and programming.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckr24/

Application: Apply online via the programme webpage.

Study Location: Munster Technological University (MTU Cork, Bishopstown campus)

Programme Duration: 12 months

Programme Outline: The MA in Global Business Practice emphasises the development of skills relating to International Business with a capstone international placement. The programme is aimed at those with existing business degrees and develops knowledge and 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; 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 with no section less than 6.0.

Programme Webpage: https://www.mtu.ie/courses/crbglbp9/

Application: Apply online via the programme webpage.

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: The programme aims to develop an in-depth understanding of the core disciplines in the area of human resources (HR). It recognises that HR must operate in challenging and dynamic business environments that are constantly changing and seeks to enable students to deliver effective business solutions that optimise the people resources of their organisation. This course is aimed primarily at individuals seeking an academic qualification at postgraduate level while also wishing to advance their career to assume positions at senior management level with a specific focus on human resource management. Students are required to bring their own laptop/notebook to successfully participate in this programme. Please check the programme webpage for required laptop specs.

Indicative Content: Core - Leading and Managing; Human Resource Management in a Strategic Business Context; People Resourcing; Employment Law; Employee Relations; Managing and Developing Talent; Research Methods; Dissertation. Options - Organisational Design and Development; Mediation and Conflict Management; Strategic Reward Management; International HRM; HR Analytics; The Science of Decision Making.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 Level 8 Honours degree. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Application: Apply online via the programme webpage.

J28	MSc in Human Resource Management	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 18 months

Programme Outline: The mission of this programme is to expose learners to human resource trends, and position them with the knowledge and soft skills to navigate and plan their careers including commercial drive, inclusive leadership, and ethical values. The Master of Science in Human Resource Management provides the conceptual and practical insights into the various areas of human resource management for learners who wish to gain the foundational knowledge and skills or reskill in this area. Additionally, the programme will be of interest to graduates from a non-business background who are interested in moving into a human resource management role in their current industry. This programme is accredited by CIPD, the professional body for HR and people development responsible for championing better work and working lives. CIPD sets the gold standard for people management and development and influences policy and practice in the world of work.

Indicative Content: Core - Equality, Diversity and Inclusion; Human Capital Management and Organisational Behaviour; Employment Law; HR Analytics; Reinventing Performance Management; Dynamic Leadership Development; Applied Strategic Management; Contemporary Issues in Human Resource Management; Research Methods. Options - Dissertation / Applied Project.

Admission Requirements: A minimum second-class second-division (2.2) honours bachelor's degree or Higher Diploma in a cognate area. Cognate subjects include HR, marketing, law, management or another related business discipline. A minimum second-class second-division (2.2) honours undergraduate bachelor degree or Higher Diploma in a non-cognate area plus 3–5 years' professional experience in a related field. Applicants who do not have a Level 8 qualification and who have at least 3 years' work experience may also be considered through the College's normal RPL procedures. Relevant professional experience will be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures. Relevant professional experience will be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures.

IELTS: Minimum overall score of 6.0.

Application: Apply online via the programme webpage.

J29	MSc in Human Resource Management	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc Human Resource Management (HRM) programme is designed to capture the realities of the contemporary Human Resource (HR) profession and seeks to develop the HR careers of our students. Adopting a strategic focus,

the MSc HRM equips HR professionals to successfully deal with the challenges facing the HR function in contemporary organisations.

Indicative Content: Applied Research Methods; Business Case for Analytics; HRM in a Global Context; Managing the Employment Relationship; Talent Management & Development; Developing Skills for Business Leadership; Leadership & Management Development; Creating Healthy Workplaces; Psychology at Work; Managing Human Resources Strategically; Applied Research Project.

Admission Requirements: Minimum Second Class Honours Grade I in a primary honours degree (NFQ Level 8, or equivalent) (eg Higher Diploma). Applicants who do not meet the minimum primary degree requirement will be considered under Recognition of Prior Learning (RPL) on the basis of other qualifications and relevant professional experience in the field of human resource management, industrial relations, training and development, employment policy, or related field. An interview may form part of the application process in this regard.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/study/postgrad/taughtcourses/masters/humanresourcemanagement/

Application: Apply online via the programme webpage.

J30	MSc in Information Systems for Business Performance	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc Information Systems for Business Performance (ISBP) programme is a conversion course offered by the Cork University Business School at UCC. The programme provides you with a coherent set of skills that are essential in building, managing, and leveraging effective and efficient information systems (IS) for organisations. Our MSc ISBP graduates will acquire the skills necessary to manage and leverage information systems for problem-solving, value-generation and cost savings. This is a 12-month intensive course with industrially mentored collaborative projects. Students are taught from beginner level and prepared to take up business analyst/programmer and management positions in IT departments in small, medium or large organisations, whether public or private, in the financial services, manufacturing or any sector. The MSc in Information Systems for Business Performance is a conversion course designed for applicants who have not previously studied high levels of software development or who have not more than two years of work experience in these fields.

Indicative Content: Digital Leadership Seminars; Professional Practice Skills and Ethics; IT Project Management; Digital Governance and Compliance; Business Decision Support; An Introduction to Business Intelligence and Analytics; Sustainable Digital Business Models; Business Models for Disruptive Technology; Systems Analysis; Application Design; Database Analysis and Design; Databases for Management Information Systems; The Capstone Consultancy Project.

Admission Requirements: To be eligible for the MSc in Information Systems for Business Performance candidates must hold at least Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) or equivalent, except graduates holding a degree in business information systems or equivalent. Candidates who do not meet or achieve the Second Class Honours Grade II in a primary honours degree (NFQ, Level 8) standard may be admitted to the programme on the basis of extensive practical or professional experience as deemed appropriate by the Professor of Business Information Systems and the School of Commerce, under Recognition of Prior Learning (RPL).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckl18/

Application: Apply online via the programme webpage.

J31	MSc in International Accounting and Analytics	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: Our MSc in International Accounting and Analytics is an intensive degree programme for high calibre business related/commerce graduates who have not specialised in accounting and who now wish to pursue a professional career in Accounting. It is the first programme of its kind in UK and Irish Universities to offer practical hands-on modules in audit analytics tools for accountants. Advance your accounting career with the MSc in International Accounting and Analytics. Develop insights, and technical knowledge of tools and techniques for driving organisational performance, and understanding of corporate finance theory and practice. Gain an understanding of and expertise in accounting and business analytics through taught modules and our practitioner led Summer School.

Indicative Content: Core - Accounting for Management; Intermediate Corporate Finance; Auditing & Assurance I; International Financial Reporting and Analysis; Strategic Management; Accounting and Management Control for Sustainable Organizations; Advanced Corporate Finance; Auditing & Assurance II; Analytical and Communication Skills Development; Advanced International Financial Reporting and Analysis; Data Science and Big Data Analytics; Summer Schools in Accountancy & Finance: Contemporary Global Issues; Final Project Paper. Options - Sustainable Finance and Accounting; Applied Customer Analytics; Story Telling through Data Visualization.

Admission Requirements: A First or Second Class Honours Grade 1 in a commerce/business degree (or equivalent qualification) will be required.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/internationalaccountingandanalyticspathwayamsc/

Application: Apply online via the programme webpage.

J32	MSc in International Accounting and Finance	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: This broad programme with an integrated delivery from end-to-end covering a range of skills applicable to a wide range of accounting and finance functions. The programme aims to develop learners' knowledge of the theory and practice necessary for them to secure employment and perform in a variety of areas in a broad range of companies. The programme focuses on practical skills in core areas such as the role of capital markets, quantitative financial modelling, treasury risk management, international financial reporting, and advanced financial management. Its aim is to create a critical understanding of core accounting, financial, and quantitative principles whilst also enhancing the practical technical skills of the learners.

Indicative Content: Core - Principles of Financial Markets; Quantitative Financial Modelling; International Financial Reporting; Corporate Governance & Ethics; Advanced Financial Management; Treasury and Risk Management; Advanced International Financial Reporting; Strategic Performance Management; Research Methods. Options - Dissertation; Applied Research Project.

Admission Requirements: A Level 8 primary undergraduate honours degree with a minimum Second-Class Second Division classification (2.2) from a recognised third level institution in a cognate area who wish to specialise in the field of accountancy and finance. Cognate subjects include general business, accountancy and finance related degree, or a Level 8 primary undergraduate honours degree with a minimum Second-Class Second Division classification (2.2) from a recognised third level institution in a non-cognate area but holds 3-5 years professional experience in a related field and who require a qualification in this area in order to progress professionally, or an equivalent professional qualification such as ACCA or CIMA.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc)-international-accounting-finance

Application: Apply online via the programme webpage.

J33	MBus in International and Sustainable Business Strategy	TUS

Study Location: Technological University of the Shannon (TUS Limerick campus)

Programme Duration: 12 months

Programme Outline: This Masters Degree is aimed at learners interested in acquiring a highly practical Level 9 qualification in the areas of International and Sustainable Business Strategy. The programme builds students' strategic management skills through an examination of strategies and actions that create a successful international sustainable business that carefully manages environmental, social, cultural, and financial concerns. Throughout the programme emphasis is placed on the process of developing international business strategies that champion the preservation of environmental resources while emphasising the management of internal human capital to support external communities and protect and nurture the beliefs and practices of those communities. Strategic emphasis is placed on increasing business profitability through the efficient and sustainable use of all financial and capital assets.

Indicative Content: International Marketing Communications Strategy; Research & Intelligence for International Business; Financial Analysis for Management Decisions; Sustainable Branding; Strategic Decision Making; Consumer Behaviour, Ethics & Relationship Marketing; Dissertation.

Admission Requirements: A minimum 2.2 honours bachelor degree (Level 8) in a cognate discipline or a minimum 2.2 honours bachelor degree (Level 8) in a non-cognate discipline with considerable experience and/or ability, evidenced by an RPL portfolio of prior experience and learning.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://tus.ie/courses/mbus-international-and-sustainable-business-strategy/

Application: Apply online via the programme webpage.

J34   MSc in International Business   NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

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

Indicative Content: Core - Global Business; Business Models, Strategy and Tactics; Marketing in the Global Environment; Leading, Managing and Planning in Organisations; Corporate Governance, Business Ethics and CSR; Economics for Management; Contemporary Issues in Global Finance; Research Methods; Dissertation. Options - Strategic Management of Human Capital; Business Intelligence; Sustainable Business Leadership; Commercial Law; Entrepreneurship; Management in Postmodern Markets; Doing Business on the Cloud; Strategic Project Management.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or non-cognate area at level 8 on the National Framework of Qualifications. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCIB

Application: Apply online via the programme webpage.

J35   MSc in International Business   MTU

Study Location: Munster Technological University (MTU Cork, Bishopstown campus)

Programme Duration: 12 months

Programme Outline: his programme is geared at providing non-business graduates with the skills required to develop and promote products and services in an international environment while furthering their= business skills and knowledge. 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, and guest speakers. Students will also undertake an industry consultancy project which will prepare them for opportunities in the workplace.

Indicative Content: Core – Global Marketing Management; Financial Management & Systems for International Business; Innovation; Strategic Thinking; International Business Development; Sustainable Marketing Practice; Seminar Series; Economics of Global Markets; Business Environment Simulation; Applied Business Project. Options – People Management Strategies for International Business; Customer Experience Design; Technology Management in Global Business; Digital Environment.

Admission Requirements: A minimum 2:2 Honours Degree in a non-cognate area. All areas where the specialism is not business, Marketing, Accounting/Finance or Business Information Systems will be considered.

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

Programme Webpage: https://www.mtu.ie/courses/crbibus9/

Application: Apply online via the programme webpage.

J36	MSc in International Sustainable Business	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc International Sustainable Business is a new innovative course, offered by the College of Business & Law at UCC. This unique course will equip business and non-business graduates with in-depth, practical knowledge of global business disciplines, combining managerial and strategic skills to influence and lead sustainable global businesses. We envisage that graduates of our International Sustainable Business programme will be future drivers of positive change. As an MSc student, you will learn the tools, knowledge, and frameworks to carefully reflect on, and better manage, the tensions between profit, people, and planet for decision-making within international businesses. You will do this through your choice of a focussed pathway either Sustainable International Management and Strategy or Sustainable Business. In this course, you will assess business cases within complex and multidimensional global business markets and environments learning how to help businesses develop strategic responses across a range of activities and markets.

Indicative Content: Core - Business Professional Skills; Responsible Leadership for a Global World; Global Markets and Trade; Research Methods Module; Quantitative Research Methods; Marketing Ethics and Sustainability; Contemporary Socio-Economic and Environmental Issues; Strategy for Global Business; International Sustainable Business Report (ISBR). Options - Pathway 1 - Sustainable International Management and Strategy: International Market Entry Strategies; International Business and Strategy; International Human Resources Management; Corporate Social Responsibility. Pathway 2 - Sustainable Business: Ecological Economics and Sustainability Policies; Business Practices for a Circular Economies; Green Investment Strategies; Environmental Regulation and Compliance Management.

Admission Requirements: Applicants must normally have a Second Class Honours Grade 1 (GPA 3.25 out of 4.0) in a primary honours degree (NFQ, Level 8) in any discipline or equivalent. Applicants who achieve a Second Class Honours Grade 2 in a primary honours degree (NFQ, Level 8) but meet all other requirements will be considered under Recognition of Prior Learning (RPL) on a case-by-case basis.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

J37	MSc in Management	NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

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

Indicative Content: Core - Business Models, Strategy and Tactics; Financial Management; Marketing in the Global Environment; Leading, Managing and Planning in Organisations; Economics for Management; International Business; Research Methods; Dissertation. Options - Commercial Law; Corporate Governance, Business Ethics and CSR; Contemporary Issues in Global Finance; Business Intelligence; Entrepreneurship; Strategic Management of Human Capital; Employment Law; Sustainable Business Leadership; Doing Business on the Cloud; Strategic Project Management; Management in Postmodern Markets.

Admission Requirements: Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or non-cognate area at level 8 on the National Framework of Qualifications. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCMGMTD

Application: Apply online via the programme webpage.

J38	MSc in Management (Business)	DCU

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: The MSc in Management (Business) is designed for people who do not have an undergraduate degree in management or business, but who would like to have a thorough preparation for a career in management. You'll be introduced to the core disciplines of business such as accounting, economics, HRM and marketing, while developing the range of skills necessary to operate successfully in a business environment. These include analytical, technical, team-working, presentation, report writing and communication skills.

Indicative Content: Economic Geography & Geopolitics; Marketing; Sustainable Operations; People & Change; Career Development; Digital Transformation & Sustainable Change; Data Analytics & Story Telling; Business Strategy & Story Framing; Consulting Skills; Project Management; Building Sustainable Organizations; Business Process Management & Innovation; Global Management Challenges; Applied Research Project.

Admission Requirements: A 2.1 Honours degree in a non-Business discipline, or equivalent international qualification. Applicants who have achieved a 2.2 Honours degree in a non-Business discipline may still obtain a place. This will depend on availability of places and on obtaining high grades in relevant modules on their undergraduate programme.

IELTS: Minimum overall score of 6.5, with 6.5 in writing and speaking and no less than 6.0 in any one component.

Programme Webpage: https://business.dcu.ie/course/management-business/

Application: Apply online via the programme webpage.

J39	MSc in Management (Operations and Supply Chain)	DCU

Study Location: Dublin City University (DCU Glasnevin campus)

Programme Duration: 12 months

Programme Outline: The MSc Management (Operations and Supply Chain) is designed for students who wish to grow into senior supply chain management or operations management industry leaders, and provides insights into current best practices regarding industry trends, digitisation and future projections. Given the impact of global supply chain disruption, the demand for highly skilled supply chain professionals is higher than ever, and understanding end-to-end digital supply chain operations coupled with a strong operational skillset is a must. The programme is designed to provide you with a unique opportunity to develop the hybrid, interdisciplinary knowledge and skills considered essential for modern business development and management.

Indicative Content: Operations And Process Management For Resilience; Strategy In a Global Context; Business Process Innovation; Operational Analytics; International Business: Disruption, Challenges and Sustainability; Project Management; Operational Strategy; Digital Supply Chain Innovation; Sustainable Transport and Logistics; Simulation For Decision Making; Design Thinking & Creativity For Innovation; Building Sustainable and Ethical Organisations; Global Management Challenges; Research Methods; Applied Research Project.

Admission Requirements: A 2.1 Honours degree in in any discipline. Applicants should possess appropriate quantitative skills. Applicants with an undergraduate degree in Business, Social Science, Engineering, Computing, Maths, Statistics, or Physical Sciences should have sufficient quantitative skills to undertake the program. Applicants who have achieved a 2.2 Honours degree in a non-Business discipline may still obtain a place. This will depend on availability of places and on obtaining high grades in relevant modules on their undergraduate programme.

IELTS: Minimum overall score of 6.5, with 6.5 in writing and speaking and no less than 6.0 in any one component.

Programme Webpage: https://business.dcu.ie/course/msc-in-management-operations-and-supply-chain/

Application: Apply online via the programme webpage.

J40	MSc in Management and Sustainability	UG

Study Location: University of Galway (UG city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Management and Sustainability programme is designed to shape future business leaders who will drive positive change, contribute to responsible business practices, and make a lasting impact on the world. Join us in building a sustainable future through education and leadership. This programme provides graduates with a generalist management education whilst nurturing leaders with a deep understanding of global business sustainability issues. Graduates will acquire a holistic skill set, blending critical thinking, problem-solving, analytical skills, as well as management and sustainable business practices. This comprehensive approach ensures graduates are well-equipped to take on a range of different management roles and embed sustainability in a rapidly evolving global landscape.

Indicative Content: Core - Introduction to Sustainability; Critical Thinking and Analytical Skills; Business & Professional Development Skills; Sustainable HRM; Sustainable Strategies; Sustainable Innovation & Entrepreneurship; Business & Society; Leadership, Change and Business Transformation; Sustainable Supply Chain Management; Behaviour Change for Sustainability.

Options - Pathway Option 1: Internship: Internship and Applied Management Report. Pathway Option 2: Consultancy: Applied Consultancy Report; Project Management; Negotiations; International HRM; Social Marketing & Sustainability; European Energy Policy; Global Issues in Agricultural, Marine and Renewable Energy Economics; Energy Economics; Green and Sustainable Finance; Renewable Energy Economics and Policy; ENLIGHT Summer School: Equity and Sustainability Transitions.

Admission Requirements: Normally a Second Class Honours undergraduate degree, 2.1, is required (or equivalent international qualification) from a discipline such as law, business, arts, science and engineering. However, candidates with a H2.2 honours degree and who have a minimum of 2 years relevant work experience, will also be considered.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://bit.ly/452sgdD

Application: Apply online via the programme webpage.

J41	MSc in Management Practice	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MSc in Management Practice is a new specialised and innovative programme which has been created to meet the needs of graduates who seek to develop and expand their knowledge of the exciting field of Management at an advanced level. The aim of the programme is to provide students with a rigorous academic foundation and a systematic understanding of core business disciplines, with a focus on management practice and a contemporary skill set central to applied management. The MSc in Management Practice is taught by a combination of experienced academic staff and senior industry practitioners, giving students a unique blend of learning to equip them to take up Management roles in any organisation or to manage their own businesses. There is a distinctive applied nature across the entire programme – most modules will use case study analysis of current issues within business to ensure participants learn cutting edge material. The Programme includes a Guest Lecturer Series where Managers from several business sectors will inform participants of the latest trends and issues in Management within their sector.

Indicative Content: Core - Global Issues for Management; Leading Change and Innovation; Managerial Financial Analysis; Marketing Analysis; Human Capital Management and Organisational Behaviour; Information Systems and Project Management; Dynamic Leadership Development; Applied Strategic Management; Management Practice Seminars Series; Research Methods. Options - Dissertation; Applied Research Project.

Admission Requirements: A Level 8 primary undergraduate honours degree with a minimum Second-Class Second Division classification (2.2) from a recognised third level institution in any discipline who wish to specialise in the field of management, or an equivalent professional qualification such as ACCA or CIMA will also be considered, or an equivalent professional qualification attributed to the business sector. Applicants who do not have a Level 8 qualification at a 2.2 award level and who have at least 3 years' work experience may also be considered through the college's normal RPL procedures. Relevant professional experience may be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/postgraduate-master-of-science-(msc)-in-management-practice

Application: Apply online via the programme webpage.

J42	MSc in Marketing	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MSc in Marketing aims to enhance the prospects of its graduates in the job markets and enable them to obtain entry into a variety of roles ranging from junior executive to senior marketing positions in a range of organisations both nationally and internationally. The programme is at Level 9 on the National Framework of Qualifications and with the combination of taught and research stage, it provides added value for both learners and employers. The programme is academically challenging and strategically relevant in advanced marketing and will equip students with current and emerging theories that inform and comment upon the new practices of marketing within the digital media arena.

Indicative Content: Core - Consumer Behaviour Trends; Sustainable Marketing Practices; Web Marketing Management and Metrics; Global Marketing; Strategic Brand Management; Finance for Marketers; Integrated Marketing Communications; Conducting Research for Marketing. Options - Dissertation; Placement.

Admission Requirements: A Level 8 primary undergraduate honours degree with a minimum Second-Class Second Division classification (2.2) from a recognised third-level institution in any discipline that wish to specialise in the field of marketing, or an equivalent professional qualification attributed to the marketing sector. Applicants who do not have a Level 8 qualification at a 2.2 award level and who have at least 3 years' work experience may also be considered through the college's normal RPL procedures. Relevant professional experience may be taken into account and individuals will be assessed on a case-by-case basis through DBS RPL procedures.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc)-marketing

Application: Apply online via the programme webpage.

J43	MSc in Marketing	NCI

Study Location: National College of Ireland (NCI IFSC campus)

Programme Duration: 12 months

Programme Outline: The MSc in Marketing has been specifically designed with the needs of current and future marketing professionals and managers in mind. The course will equip you with a comprehensive understanding of key foundations of the marketing discipline as well as providing you with a detailed understanding of the contemporary marketplace. You will learn how to apply the latest marketing theory and practice in a dynamic business environment, within increasingly complex digital, ethical and sustainability parameters.

Indicative Content: Marketing in the 21st Century; The Contemporary Consumer; Integrated Marketing Communications; Sustainability, Strategy and Society; Brand Management; Digital Marketing Practice; Innovation, Creativity and Entrepreneurship; Marketing Metrics and Accountability; Critical Marketing Studies; Research Methods; Dissertation.

Admission Requirements: Applicants are required to hold a minimum of a level 8 qualification in a cognate discipline (i.e. a business-related honours degree) or equivalent on the National Framework of Qualifications. The college operates a Recognition

of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ncirl.ie/Courses/NCI-Course-Details/course/MSCMRKD

Application: Apply online via the programme webpage.

J44	MSc in Marketing and Retail Innovation	UCD

Study Location: University College Dublin (UCD Michael Smurfit Business School campus)

Programme Duration: 12 months

Programme Outline: The MSc in Marketing and Retail Innovation will equip you with a broad range of strategic, operational and leadership skills that will be an excellent foundation for a career in any business. More specifically the programme outline ensures you have a good overall business acumen, will understand the role of technology and can design customer and consumer propositions that can be applied and implemented in a wide variety of retail or business environments. Apart from meeting and interacting with real business experiences, you will get a chance to fully immerse yourself in live cases and companies and develop the career skills needed for success in a marketing career in the future. Students will look at a variety of industries other than pure retail, such as Banking, Telecoms and Utilities, all where retail plays very different roles and creates multiple opportunities and experiences for the customer.

Indicative Content: Strategic Marketing Management; Consumer Insights & Analytics; Consumer Behaviour; Omnichannel Marketing Communications; Pricing; Neuromarketing & AI; Building Sustainable Supply Chain Advantage; Digital Retailing; Customer Experience Management; Advanced Analytics & Big Data; Retail 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 in a retail or marketing role.

IELTS: Minimum overall score of 7.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.smurfitschool.ie/programmes/masters/mscinmarketingandretailinnovation/

Application: Apply online via the programme webpage.

J45	MSc in Project Management	UCD

Study Location: University College Dublin (UCD Michael Smurfit Business School campus)

Programme Duration: 12 months

Programme Outline: The MSc in Project Management is custom-designed to foster well-rounded, skilled graduates with the ability to think critically, plan strategically and implement projects effectively. The programme provides students with the knowledge, skills, tools, and techniques to plan, develop and execute projects to achieve specific objectives within given time and cost constraints, and will make you highly attractive in the global market. This programme advances key qualities such as leadership, negotiation, decision-making and stakeholder management. Students develop cutting-edge, practical skills through two company projects in the for-profit and non-profit sectors and learn about the latest developments in project management,

such as AGILE, sustainability, and project finance. Use of artificial intelligence tools is actively explored, taught and encouraged in this programme, supported by the Programme Director who has authored 3 books on AI in Education.

Indicative Content: Management of Projects & Change; Strategic Management of Projects; Leading Project Teams; Company Project; Governance and Stakeholder Management; Decision Making & Negotiations; Hot Topics in Project Management; Capstone Project.

Admission Requirements: A minimum second-class honours degree (or equivalent) 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.

IELTS: Minimum overall score of 7.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.smurfitschool.ie/programmes/masters/mscinprojectmanagement/

Application: Apply online via the programme webpage.

J46	MSc in Project Management	UL

Study Location: University of Limerick (UL Castletroy campus)

Programme Duration: 12 months

Programme Outline: This MSc in Project Management aims develop knowledge and understanding of the theories and principles of modern approaches to managing projects. Learners will gain skills in critically analysing and engaging actively in the development and integration of project management as a way of work within organisations. Competencies to manage groups and teams and to interact effectively with project stakeholders will be developed and project management best practice in managing human, physical and financial resources throughout the project lifecycle will be studied. The concepts and theories of corporate and social responsibility will be introduced to provide a framework for planning and evaluating the actions and performance of a project in the context of sustainable and socially responsible activity.

Indicative Content: Knowledge and Information Management in Project Environments; Project Management Science and Principles; Strategy Formulation and Implementation; Project Planning and Control; People and Behaviour in Projects; Decision Analysis and Judgement in Projects; Research in Projects and Organisations; Commercial Management of Projects; International Project Management; Project Leadership & Governance; Project Management Simulation; Research Project or Confirmation Paper.

Admission Requirements: Minimum of 2:2 Honours primary degree or equivalent in a project management related field, such as engineering, science, business, information technology, public administration, health and education. Candidates may be selected for interview to determine suitability.

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

Programme Webpage: https://www.ul.ie/gps/course/project-management-msc

Application: Apply online via the programme webpage.

J47   MSc in Sports Management   UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: This one year MSc programme is targeted at graduates aiming to develop a career in the Sport industry and also experienced professionals who wish to enhance their career opportunities within this field. The programme provides graduates with the theoretical knowledge and practical tools and techniques required to solve real life management challenges within the Sport industry. The programme is informed by the exciting research carried out by our faculty and by Sport industry experts who contribute to both the design and delivery of the programme curriculum. Throughout the programme, students are provided with the opportunity to engage and network with leading figures from the Sport industry. The programme also offers the unique opportunity to study how high performance sport is managed from government policy to the views of key stakeholders within a sport organisation, such as the CEO, the high performance director, the coach, support staff and athlete.

Indicative Content: Sport Leadership & People Mgmt; Strategy & Operations Management in Sport & Exercise; Sport Event M & Sustainability; Sport Governance & Law; Mgmt of High Performance Sport; Sport Marketing & Comms; Dissertation.

Admission Requirements: This programme is intended for students with a primary degree in Sport, Recreation or Leisure Management, Sport, Exercise or Health Science or Business Studies. Students with a primary degree in other disciplines may also be considered. An upper second class honours, or international equivalent is typically required. Applicants must demonstrate a knowledge and passion for sport and sport related business.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=X762

Application: Apply online via the programme webpage.

J48   MA in Strategic Health and Wellbeing Leadership   TUS

Study Location: Technological University of the Shannon (TUS Limerick campus)

Programme Duration: 12 months

Programme Outline: The MA in Strategic Health and Wellbeing Leadership prepares you to drive meaningful change in community, organisational, and policy settings. You'll develop strategic, leadership, and research skills to design and implement high-impact wellbeing initiatives, with a strong focus on evidence-based practice, behavioural change, and emerging national and global health trends. Taking an interdisciplinary approach, the programme explores mental, physical, emotional, social, and organisational wellbeing. Through TUS's active learning model, you'll engage with strategic planning, policy development, leadership and management theory, and contemporary wellbeing trends, equipping you to influence change across corporate, public sector, healthcare, sporting, and community environments. You'll also gain hands-on experience in integrative wellbeing practice, from digital health innovations to sustainable wellbeing strategies.

Indicative Content: Pillars of Health & Wellbeing; Strategic Planning for Health & Wellbeing; Health & Wellbeing Promotion; Personal Wellbeing & Professional Development; Leadership and Change Management; Integrative Practices & Emerging Trends in Wellbeing; Managing Health & Wellbeing Projects; Applied Research Methods in Health & Wellbeing; Research Dissertation.

Admission Requirements: A minimum honours bachelor degree (Level 8) in a related discipline or a minimum honours bachelor degree (Level 8) in any discipline with minimum two years, relevant work experience and/or ability, evidenced by an RPL portfolio of prior experience and learning.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://tus.ie/courses/ma-strategic-health-and-wellbeing-leadership/

Application: Apply online via the programme webpage.

J49	MSc in Strategic Management	UCD

Study Location: University College Dublin (UCD Michael Smurfit Business School campus)

Programme Duration: 12 months

Programme Outline: The innovative MSc in Strategic Management will equip you to lead an organisation in today's increasingly challenging and digitised world, one characterised by constant changes and disruptions. The programme has been designed to serve the needs of students and companies operating in innovative, international, and entrepreneurial markets. Taught by internationally reputable academics and industry practitioners, the curriculum includes modules such as competitive strategy, behavioural strategy and leadership, technology and innovation strategy, decision making and resource allocation. In the summer term, students may also have the option to work directly with companies through a company-oriented practical module or to complete a dissertation.

Indicative Content: Core - Competitive and Corporate Strategy; Technology and Innovation Strategy; Decision Making Strategies and Techniques; Strategic Resource Allocation; Behavioural Strategy and Leadership; Managing the Negotiation Process. Options - Entrepreneurship; Creativity Innovation & Entrepreneurship; Mindfulness & Resilience at Work; Leadership, Organisations & Me; Sustainable Production & Consumption; Creative Problem Solving; Cross Cultural Management; Leadership and Team Management; Innovation: Disruption and Design; Reputation and Disrepute; International Business Consultancy Project; Internship; Dissertation.

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 overall score of 7.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.smurfitschool.ie/programmes/masters/mscstrategicmanagement/

Application: Apply online via the programme webpage.

J50	MSc in Strategic Management	TUD

Study Location: Technological University Dublin (TUD Dublin city centre campus)

Programme Duration: 12 months

Programme Outline: Expertise in strategic management and planning has never been more important given the turbulent and challenging environments within which businesses now operate. At EU level change is now an ever present feature in relation to the money markets, banking and economics in general. At a global level businesses are faced with new competitors and different

configurations of technologies generating new products. All this change has to be anticipated and managed by business at a strategic level to survive and indeed thrive. Graduates of this course will be well placed to undertake strategic planning for businesses whether they are in the public, private or voluntary sectors. This course is suited to high-potential applicants who wish to develop their capabilities in the field of strategic management. The course is open to recent graduates as well as experienced managers.

Indicative Content: Core - Analytics for Strategic Decision Making; Consultancy Skills and Project; Finance for Strategic Decision Making; Leading for High Performance; Strategic Management 1 (Decision Making); Strategic Marketing; Consultancy Skills and Project; Strategic Management 2 (Global Strategy). Options - Critical and Responsible Management; Entrepreneurship; Essentials of Economics; Innovation Management; Project Management; Management Accounting; Digital Implementation & Execution; Digital Innovation and Organisational Change; Commercialisation; Seminar Series; Media Planning; Client Leadership; Management of Sales; Business to Business Marketing; International Marketing; Services Marketing; Marketing Technology; Digital Marketing; Strategic Operations Management; Strategic Supply Management; Business Taxation.

Admission Requirements: Graduates of bachelor degree courses in business, economics (or an undergraduate programme where business subjects account for at least 50% of the subjects) who have achieved an honours degree (2.2 grade or higher) are eligible to apply. Applications from candidates who have an equivalent qualification at honours level (for example ACCA, CIMA or other professional bodies) are also eligible to apply. Applicants who do not have an honours degree in business (or equivalent) but who have substantial business experience can be considered by our Exceptional Entry Committee.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/strategic-management-full-time/

Application: Apply online via the programme webpage.

J51	MSc in Supply Chain Management	SETU

Study Location: South East Technological University (SETU Carlow Kilkenny Road campus)

Programme Duration: 12 months

Programme Outline: This Masters course offers a robust understanding of the concepts and best practices in Supply Chain Management for application in todays global economy. Supply chain management and sourcing have become a central focus for companies due to the rapid changes in demand for products and services, globalisation and technology. With operations becoming more complex, companies in the manufacturing, retail and technological sectors are searching for individuals with supply chain expertise.

Indicative Content: Lean Manufacturing and Six Sigma; Communications for Supply Chain Professionals; Performance Management; Supply Chain Financial Management; Sustainable Supply Chains; Strategic Supply Chain Management; Global Logistics and Technology; Research Project.

Admission Requirements: Entry requirements are a Level 8 degree with a minimum of Second Class Honours, Grade 2 in a related discipline or equivalent. SETU operates a Recognition of Prior Experiential Learning (RPL) scheme whereby applicants may be considered, based on relevant work and other experience, for exemptions from course modules and advanced entry.

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

Programme Webpage: https://www.setu.ie/courses/msc-in-supply-chain-management-cw

Application: Apply online via the programme webpage.

J52	MSc in Trading and Investing	DBS

Study Location: Dublin Business School (DBS Aungier St. and South Great Georges St. campus)

Programme Duration: 12 months

Programme Outline: The MSc. in Trading and Investing programme aims to produce individuals with the specialised skills and attributes necessary to meet the demands of the modern-day trading and investing environment. Learners will understand the core principles of trading and investing, as well as the regulatory requirements needed to operate both nationally and internationally; they will be equipped with important technical analysis skills including financial modelling and data visualisation and possess an integrated understanding of the wide range of financial assets used for trading and investing on a daily basis, including non-standard investment types. Moreover, learners will develop advanced critical thinking, teamwork and team leadership, writing and research skills through the completion of the research module along with the completion of a practical artefact that will allow them to apply all of their learning to produce a thorough trading and investing strategy.

Indicative Content: Python Introductory training; Securities Markets Structure and History; Financial Econometrics; Technical Analysis and Financial Visualisation; Financial Reporting and Fundamental Analysis; Portfolio Planning, Risk Management and Valuation; ESG, Ethics and Regulation in Trading and Investing; Applied Financial Marketing Analytics; Investment Portfolio Research and Preparation; Applied Trading and Investing Capstone.

Admission Requirements: This programme is primarily aimed at learners with a Level 8 primary undergraduate honours bachelor degree in a cognate area (e.g. computer science, IT, science, mathematics, statistics, accounting, finance, economics, engineering, maths and management, information systems) with a minimum Second Class Second Division classification (2.2) from a recognised third-level institution (or equivalent). Applicants with a Level 8 primary undergraduate honours bachelor degree in a non-cognate area, with a minimum Second Class Second Division classification (2.2) from a recognised third-level institution (or equivalent), may be considered on a case-by-case basis, where they can demonstrate three to five years' experience in an area closely related to trading and investing or financial analysis.

IELTS: Minimum overall score of 6.0.

Programme Webpage: https://www.dbs.ie/course/postgraduate/master-of-science-(msc)-in-trading-and-investing

Application: Apply online via the programme webpage.

K

Food Science, Food Engineering and Food Industry

Study Location: Technological University Dublin (TUD Dublin city centre campus)

Programme Duration: 12 months

Programme Outline: The MSc in Culinary Innovation and Food Product Development is an exciting one-year course, designed to uniquely bridge the knowledge gap between science, business and the culinary arts. The course will enhance the learner's ability to think critically, manage group dynamics, plan strategically and approach problem solving through the lens of both innovation and integrity in order to develop safe, healthy and innovative food products. The unique learning environment provides participants with the ability to successfully move ideas and innovative concepts into commercial practice. In doing so, it addresses Ireland's need to maintain competitiveness within the food industry by cultivating cross-functional, innovative graduates.

Indicative Content: Core - Culinary Ingredients & Food Product Development Concepts; New Food Business Creation; Post-Graduate Research Methodology; Technology & Innovation Management; Life Cycle and Therapeutic Nutrition; Marketing Communications and Consumer Behaviour; Gastronomy and Culture; Food Law & Regulatory Environment; Food Prototype Development and Evaluation; Post-graduate Dissertation. Options - Advanced Molecular Gastronomy; Sustainable Food Systems; Reading Historic Cookbooks.

Admission Requirements: Minimum second-class honours bachelor degree (2.2 or higher) in the area of culinary arts or other food related discipline at NFQ Level 8. Applicants who have an honours primary degree in a non-food discipline will be considered if their prior experience provides an adequate background to prepare them for the course.

IELTS: Minimum overall score of 7.0 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/culinary-innovation-food-product-dev/

Application: Apply online via the programme webpage.

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc programme in Food Business and Innovation prepares students for a career in the dynamic world of food business and will set you up to play a lead role in the analysis of key sectoral issues and strategic management of the ever-evolving food industry. The balance of modules in this programme reflects the global nature of the food industry. Students will expand their knowledge of food, the food consumer, innovation in food and the decision-making processes in companies that develop, brand, distribute, and sell food products. The practical application of learning in this course will equip you with analytical, communication, business, and presentation skills, which are required and highly valued by the industry.

Indicative Content: Strategic Food Marketing; Food Entrepreneurship and Innovation; Food Branding and Digital Media Marketing; Economics of Agri-Food Markets and Value Chain Analysis; Category Management and Food Retail Marketing; Sustainable Food Systems; Supply Chain Management and Food Integrity; Global Food Policy Issues; Consumer Culture and Consumer-Brand Relationships; Applied Food Industry-Centred Research Project.

Admission Requirements: To be eligible for the MSc in Food Business and Innovation programme, applicants must hold at least a Second Class Honours Grade II in a primary honours degree (NFQ Level 8).

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckl02/

Application: Apply online via the programme webpage.

K03	MSc in Food Business Strategy	UCD

Study Location: University College Dublin (UCD Michael Smurfit Business School campus)

Programme Duration: 12 months

Programme Outline: The programme aims to provide students with core knowledge for management and strategy development of food businesses, which also includes understanding of the role and importance of sustainability and innovation. Graduates will be competent to apply critical and analytical judgement of the increasingly complex and global environment in which food businesses operate. The curriculum has been codeveloped by the UCD Smurfit Graduate Business School and the UCD School of Agriculture and Food Science and offers a unique opportunity to receive the highest quality business training as well as to gain a deep understanding of the food sector. The theory-practice blend to the curriculum content, as well as the strong emphasis placed upon recent developments within the industry, makes this the ideal preparation for a career in the food business sector.

Indicative Content: Core - Economics of Food Markets and Business Behaviour; Supply Chain Management Global Food Systems; Customer Focused Food; Food Policy and Industry Responses; Competitive Strategy in Global Food and Agribusiness Markets; Innovation for Food Business; Future of Food; Group Project. Options - Entrepreneurship: Theoretical and Empirical Foundations; Creativity, Innovation & Entrepreneurship; Leadership, Organisations & Me.

Admission Requirements: A minimum second-class honours degree (or equivalent) in Agricultural Science, Science, Business, Commerce, Business Administration, Economics or related degree, or an honours Graduate Diploma in Business Studies or related subject, or a primary degree with a minimum of three years' relevant work experience.

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

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=D042

Application: Apply online via the programme webpage.

K04	MEngSc in Food Engineering	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MEngSc in Food Engineering provides a comprehensive coverage of bioprocess and food manufacturing systems engineering. The programme will be of particular interest to graduates in Engineering, Science and related disciplines who are interested in food and bioprocess engineering, risk assessment, process development, process control, advanced manufacturing systems and associated environmental issues. On this programme you will develop new technical competencies in food and bioprocess engineering, learn how to develop and execute a research plan, and acquire skills

in the application of leading-edge technologies to the agri-food and biotechnology industries, including novel food processing technology, food process automation, risk assessment, computer vision for food quality and food safety. Excellent job prospects are available to graduates in the food, bioprocess, manufacturing and related agencies and industries.

Indicative Content: Bioprocess Engineering Principles; Life Cycle Assessment; Waste to Energy Processes & Technologies; Food Chain Integrity; Unit Ops for Bioprocess Eng; Quantitative Risk Assessment for Human and Animal Health; Advanced Food Process Engineering; Global Cold Chain Safety; Food Refrigeration Engineering; Research, Teaching & Career Skills; Thesis.

Admission Requirements: An honours undergraduate degree (NFQ level 8) with a minimum upper second class honours or international equivalence in a relevant Engineering, Science or cognitive technology degree programme.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://sisweb.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=X082

Application: Apply online via the programme webpage.

K05	MSc in Food Microbiology	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: In addition to its role as a source of pleasure, food is necessary for human survival. Food is fundamental to our existence and plays an enormous role in the global economy. Microbes play an essential role in food preservation and safety, food for health, and food biotechnology and these are growing areas for all global economies. The School of Microbiology at UCC has established a global reputation in food microbiology, based on its research profile and the impact of its graduates in the food industry. The MSc in Food Microbiology at UCC covers the breadth of classical and modern food microbiology, including food safety and spoilage; food fermentation; food biotechnology; hygienic production of food; the impact of diet on health; the molecular mechanisms of infectious microbes and the role of the gut microbiota in human health. The programme is a structured one-year full-time course that includes a six-month lab-based research dissertation. Our aim is to educate you to an MSc level in food microbiology, emphasising areas in which UCC engages actively in research, e.g. food biotechnology, food fermentation, food safety, and food for health. In addition we will provide you with the knowledge and skills necessary to contribute to both Irish and international food industries.

Indicative Content: Core - Library project in Food Microbiology; Research Frontiers in Food Microbiology; Molecular Techniques in the Life Sciences; Scientific Training for Enhanced Postgraduate Studies; Analytical Food Microbiology; Dissertation in Food Microbiology. Options - Food Markets and Policy; Food Fermentation and Mycology; Microbial Food Safety; Food Biotechnology; Hygienic Production of Food; Functional Foods for Health.

Admission Requirements: Applicants must have a Second Class Honours Grade I in a primary honours degree (NFQ, Level 8) in a discipline with a significant element of laboratory science.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.ucc.ie/en/ckr19/

Application: Apply online via the programme webpage.

K06	MSc in Food Science	UCC

Study Location: University College Cork (UCC College Road campus)

Programme Duration: 12 months

Programme Outline: The MSc (Food Science) is a full-time taught postgraduate programme running for 12 months from the date of first registration. UCC has a history of nearly a century of teaching and research in the food sciences and is amongst Europe's largest multidisciplinary education and research institutions with world-class academics working in all aspects of the food area. Our first-rate facilities include extensive and well-equipped laboratories and a large pilot plant with excellent dairy, meat and bakery facilities in addition to a modern pilot-scale brewery.

Indicative Content: STEPS - Scientific Training for Enhanced Postgraduate Studies; Library Project in Food Science; Advances in Sustainable Food Processing Technologies; Food Protein and Lipid Biochemistry; Cheese and Fermented Dairy Products; Food Rheology and Structure; Food Product Development and Innovation; Microbial Food Safety; Functional Foods for Health; Food Factory Design, Utilities and Services; Food Analysis and Research Skills; Dissertation in Food Science.

Admission Requirements: Candidates must be holders of a minimum Second Class Honours Grade I in a primary BSc honours degree (NFQ, Level 8) or equivalent qualification, in a discipline with a significant element of laboratory science.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

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

Application: Apply online via the programme webpage.

K07	MSc in Food Science with Nutrition	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc in Food Science with Nutrition at University College Dublin (UCD) is designed to equip you with cutting-edge knowledge and the skills required to address the challenges and opportunities in the global food industry. This one-year full-time programme is a unique opportunity for graduates to excel in this dynamic field, where the need for sustainable food production, innovation, and research is growing rapidly. By completing the MSc in Food Science with Nutrition, you will have the tools and knowledge to drive change in the global food sector, influence public health, and play a key role in advancing sustainable food production. With a range of career options from research and development to leadership and consultancy, the future is full of possibilities. Take the next step towards an exciting and impactful career with UCD. Apply now and join the next generation of leaders in food science and nutrition.

Indicative Content: Core - Food investigation; Food Process Technology I; Food Microbiology & Safety; Pathways to Health (O/L); Food Regulatory Affairs (O/L); Communicating for Impact; Entrepreneurship: Application and Mindset; Plant-based Foods & Ingredients; Food Ingredients; Food Chemistry; Principles of Sensory Science; Design Thinking for Food Packaging; Nutrients in the Life Cycle; Innovation for Food Business. Options - Fresh & Processed Meat Products; Milk and Dairy Products.

Admission Requirements: This course is aimed at graduates of life sciences, science, agriculture, engineering, and related disciplines, who wish to upskill and become competent in the rapidly evolving area of food science. Applicants must hold a minimum 2 nd class Honours degree (NFQ Level 8) in these disciplines or an international equivalent.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=COURSE&MAJR=D098

Application: Apply online via the programme webpage.

K08	MSc in Horticulture	UCD

Study Location: University College Dublin (UCD Belfield campus)

Programme Duration: 12 months

Programme Outline: The MSc Horticulture caters for early career graduates working or intending to work in the global dynamic horticulture production and supply industry. It is designed for students who wish to acquire greater expertise in horticulture, mature students and career changers, and draws on the academic expertise available in the UCD School of Agriculture and Food Science.

Indicative Content: Core - Enterprise Development; Food Production: Vegetable Crops; Food Production: Protected Crops; Fruit & Postharvest Physiology; Biodiversity and Environmental Horticulture; Food Diet and Health II - Making Healthy Food Choices; Climate, Carbon and Soil; Data Analysis for Biologists; Food Quality and Safety (O/L); Elements of Landscape Design; Nursery Production & Management; Minor Thesis. Options - Plant Biotechnology & Micropropagation; Professional Communications.

Admission Requirements: Applicants must hold a minimum lower second class honours degree, or international equivalent in a biological, environmental, agricultural or related science degree. Mature candidates will be considered on the basis of relevant experience. Prospective candidates are encouraged to contact the course coordinator to discuss their eligibility.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=PROG&MAJR=D064

Application: Apply online via the programme webpage.

L

Tourism and Hospitality

L01   MSc in Business and Hospitality   UG

Study Location: University of Galway (UG Shannon College of Hotel Management)

Programme Duration: 12 months

Programme Outline: This MSc is designed for those with hospitality/business qualifications or experience who wish to develop their knowledge of hospitality systems, trends and business applications to an advanced level. It is designed as a specialist course which assists students in blending their existing talents with the advanced hospitality and business skills and knowledge needed to manage a modern hospitality organisation. Modules include Global Business and International HRM, Project Management, Information Technology for Hospitality and Performance and Revenue Management. The programme will consist of lectures, seminars, industry exposure, experiential learning, in-company study, computer-based simulation, guest speakers and projects in the relevant subjects.

Indicative Content: Core - Business Analytics Fundamentals; Performance and Revenue Management; Global Business and International HRM; Information Technology for Hospitality; Intercultural Communication for Business; Strategy and Innovation for Hospitality; Project Management; Hotel Asset Management; Business Consultancy Project, Internship Business and Hospitality or Research Thesis. Options - International Entrepreneurship in Hospitality; Management of Organisational Change; Organisational Behaviour; Quantitative Analysis for Business Decisions; Business Negotiations; Lean Principles for Hospitality Managers.

Admission Requirements: Second-class Honours degree (2:2 grade) or higher in a related discipline.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.universityofgalway.ie/shannoncollege/courses/hospitalitymanagement.html/

Application: Apply online via the programme webpage.

L02   MSc in Global Hospitality Management and Intercultural Communication   UG

Study Location: University of Galway (UG Shannon College of Hotel Management)

Programme Duration: 12 months

Programme Outline: The MSc Global Hospitality Management and Intercultural Communication is designed for those who would like to develop and strengthen their knowledge and skills in Human Resource Management (HRM) while becoming competent in intercultural communication. The programme aims to prepare graduates by developing their understanding of different cultural contexts and viewpoints while attaining valuable business skills thus enabling graduates to work successfully in various sectors across the global business market.

Indicative Content: Core - Global Business and International HRM; Information Technology for Hospitality; Performance and Revenue Management; Business Analytics Fundamentals; Hotel Asset Management; Intercultural Communication for Business; Project Management; Strategy and Innovation for Hospitality. Options - Research Thesis; Internship.

Admission Requirements: Normally hold a Second Class Honours, or equivalent, in a related area.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/global-hospitality.html

Application: Apply online via the programme webpage.

| L03 | MSc in Hospitality Management | TUD |

Study Location: Technological University Dublin (TUD Dublin city centre campus)

Programme Duration: 12 months

Programme Outline: The hospitality industry is a major worldwide industry. It is dynamic, competitive, fast growing and international in nature. It is wide-ranging, covering everything from deluxe hotels, restaurants and designer bars, to catering operations and nightclubs. TU Dublin's MSc in Hospitality Management is designed to provide participants with the expert knowledge and skills necessary for a successful career at senior management level in any sector of this vibrant industry. This course is aimed at students with a variety of academic and professional backgrounds.

Indicative Content: International Hospitality Operations Management; Strategic Marketing and Digital Media; The Effective Manager; Managerial Finance and Entrepreneurialism; Strategic Revenue Management and Distribution; Emerging Issues for Masters in Hospitality, Tourism and Event; Research Methods and Dissertation.

Admission Requirements: Applicants should possess a bachelor degree at honours level (2.2 grade or higher) or equivalent. In addition, applicants may be required to complete an admission interview.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/hospitality-management/

Application: Apply online via the programme webpage.

| L04 | MSc in Hospitality Performance, Revenue and Asset Management | UG |

Study Location: University of Galway (UG Shannon College of Hotel Management)

Programme Duration: 12 months

Programme Outline: The MSc in Hospitality Performance, Revenue and Asset Management fosters the analytical and revenue-focused mindset graduates will need to forecast future performance, whilst also predicting and mitigating risk. Students will learn to exploit business analytics, performance, and yield management techniques, enabling them to become more adaptable to the needs of the dynamic business environment. Modules include: Performance and Revenue Management, Hotel Asset Management, Strategy and Innovation for Hospitality, and Business Analytics Fundamentals.

Indicative Content: Core - Global Business and International HRM; Information Technology for Hospitality; Performance and Revenue Management; Business Analytics Fundamentals; Hotel Asset Management; Intercultural Communication for Business; Project Management; Strategy and Innovation for Hospitality. Options - Research Thesis; Internship.

Admission Requirements: Normally hold a Second Class Honours degree or equivalent in a related area.

IELTS: Minimum overall score of 6.5 with no less than 5.5 in any one component.

Programme Webpage: https://www.universityofgalway.ie/courses/taught-postgraduate-courses/hospitality-performance.html

L05	MSc in Tourism Management	TUD

Study Location: Technological University Dublin (TUD Dublin city centre campus)

Programme Duration: 12 months

Programme Outline: The programme is a conversion course 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 course 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: Strategic Marketing and Digital Media; The Effective Manager; Tourism Destination Planning & Management; Managerial Finance and Entrepreneurialism; Emerging Issues for Masters in Hospitality, Tourism and Event; International Tourism Trends, Markets & Products; Research Methods and Dissertation.

Admission Requirements: Applicants should possess a bachelor degree at honours level (2.2 grade or higher) or equivalent. In addition, applicants may be required to complete an admission interview.

IELTS: Minimum overall score of 6.5 with no less than 6.0 in any one component.

Programme Webpage: https://www.tudublin.ie/study/postgraduate/courses/tourism-management/

Application: Apply online via the programme webpage.